

DEENDAYAL PORT AUTHORITY



TENDER DOCUMENTS FOR

"Construction of Rest Shelter & Toilet block at Berth No. 13 & 16."

PART – A

TECHNICAL BID

**Executive Engineer
HARBOUR DIVISION**

**Deendayal Port Authority
Nirman Bhavan, 1st Floor
New Kandla – 370 210
Kutch District
Gujarat State
INDIA**

**Mobile No. 8460662630
Civil Engineering/Harbour/**

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DEENDAYAL PORT AUTHORITY

DC:

COMPETITIVE BIDDING

AGREEMENT NO. :- HD - 21/25

BID NO. :- HD – 21/25

**Name of Work :- " Construction of Rest Shelter & Toilet block at Berth
No. 13 & 16."**

PERIOD OF DOWNLOADING OF BID DOCUMENTS

FROM	:	DATE _____
TO	:	DATE 11/09/2025 TIME 16:00 HRS.
TIME AND DATE OF PRE-BID CONFERENCE	:	NOT APPLICABLE
LAST DATE AND TIME FOR RECEIPT OF BIDS	:	DATE 11/09/2025 TIME 16:00 HRS
TIME AND DATE OF OPENING OF BIDS	:	DATE 11/09/2025 TIME 16:05 HRS
PLACE OF OPENING OF BIDS	:	HARBOUR DIVISION, NIRMAN BHAVAN, NEW KANDLA, KUTCH (GUJARAT STATE).
OFFICER INVITING BIDS	:	EXECUTIVE ENGINEER

DEENDAYAL PORT AUTHORITY
ONLINE TENDERING (E - Tendering)
Tender No. : HD - 21/25

Name of Work :- " Construction of Rest Shelter & Toilet block at Berth No. 13 & 16."

Tenders in E-tendering system are invited by Executive Engineer, Harbour Division for the above work as per the details given in the table below.

Work Description	Tender Fee (In Rs.)	Estimated cost (In Rs.)	EMD (In Rs.)	Last Date and time of online Submission of bid documents
"Construction of Rest Shelter & Toilet block at Berth No. 13 & 16."	Rs. 1770/- including GST (Only through Digital mode of Payment. Beneficiary: Deendayal Port Authority Account No. : 21770021000 04628 IFSC Code : PUNB0217700 Punjab National Bank, Kandla Branch	Rs. 2,79,40,751.00	Rs. 279408/- (Only through Digital mode of Payment. Beneficiary: Deendayal Port Authority. Account No. : 2177002100004628 IFSC Code : PUNB0217700 Punjab National Bank, Kandla Branch	11/09/2025 16:00 hrs.

Detailed tender notice along with complete tender documents can be downloaded from website <https://tender.nprocure.com> from __/__/2025 to 11/09/2025 @ 16:00 Hrs. Tender Notice is also available on <http://deendayalport.gov.in> Preliminary Bid will be opened on 11/09/2025 @ 12:05 Hrs. Date of opening of price bid shall be notified after scrutiny & evaluation of Technical Bid. For further details and general enquiries prospective bidders may contact Dy. Chief Engineer, Harbour Division, Nirman Building, New Kandla- (Kutch). Mobile No.8460662630 during working hours before the last date and time of submission of tender document.

EXECUTIVE ENGINEER
DEENDAYAL PORT AUTHORITY

DEENDAYAL PORT AUTHORITY
NOTICE INVITING ONLINE TENDER

Details about tender :

Department Name	Civil Engineering Department
Circle/ Division	Harbour Division, Nirman Bhavan, New Kandla (Kutch) - 370210.
Tender Notice No.	HD - 21/25
Name of Work	Construction of Rest Shelter & Toilet block at Berth No. 13 & 16.
Estimated Contract Value (INR)	Rs. 2,79,40,751.00/-
Period of Completion (in Months)	35 Months (11 (Eleven) Months of Work Execution + 24 (Twenty Four) Months of Maintenance Work)
Bidding Type	Open
Bid Call (Nos.)	One
Tender Currency Type	Single
Tender Currency Settings	Indian Rupee (INR)
Qualifying Criteria	<ul style="list-style-type: none"> Average annual financial turnover during the last three years ending 31st March of the previous financial years, should be at least Rs. 83.82 Lakhs. (The financial turnover document must be certified by a Chartered Accountant (CA) with the CA's stamp, signature, and UDIN/membership number. Additionally, all necessary documents for the verification of turnover must be provided. Failure to comply with these requirements bid will be treated as non-responsive). Experience of having successfully completed similar works under Govt./ Semi Govt./ Public Sector Undertakings/ Autonomous Body working under Govt. of India/ Public Limited company (listed on National Stock Exchange or Bombay Stock Exchange), private organization during last 7 years ending last day of month previous to the one in which applications are invited if the bidder

has executed the work in private organization, necessary TDS certificate issued by the private organization should be either of the following:

- Three similar completed works each costing not less than Rs. 111.76(excluding GST) Lakhs.
- Two similar completed works each costing not less than Rs. 139.70(excluding GST) Lakhs.
- One similar completed works each costing not less than Rs. 223.53(excluding GST) Lakhs.

“Similar Works” mean Tenderer should have completed any type of Construction of Building work successfully in that particular contract during last 7 years ending last day of month previous to the one in which applications are invited.

3. Work experience in Private Organization: If the Bidder has completed works in a private organization as stipulated in the Minimum Qualification Criteria (work experience), the following documents must be enclosed with the BID for consideration:

- **TDS Certificates:** The Bidder must provide TDS certificates issued by the competent authority with respect to the work experience.
- **CA Certificate:** The Bidder must submit a certificate issued by their Chartered Accountant (CA) stating that the amount shown in the TDS certificate has been received with respect to the work experience submitted by the Bidder. This document must be certified by the CA with their stamp, signature, and UDIN/membership number.

Failure to provide these documents will result in the bid being treated as non-responsive.

4. **Work Experience as a sub-contractor:** In case the Bidder has carried out work experience as a

subcontractor, the following conditions must be met by bidder.

- (a) The subcontract experience shall be considered for qualification only, if the work was carried out for Govt./ Autonomous Body working under GoI/Semi Govt., or Public Limited companies. The Bidder must submit the subcontract permission issued by the respective work authority prior to the execution of the work. It is mandatory to upload the subcontract permission online along with the bid. If the subcontract permission is not authenticated, the respective bidder will be considered non-responsive.
- (b) The completion certificate/Form-3A issued/authenticated by the concerned Government, Semi-Government, or Public Limited companies must be uploaded along with the bid submission.
- (c) The decision taken by DPA with regard to Sub-contract work experience shall be final and binding to bidder.

5. . Bidders who meet the minimum qualification criteria will be qualified only if their available bid capacity is more than the total bid value. The available bid capacity will be calculated as under:

Available Bid capacity = $A \times M \times N - B$, Where,

“A” = Maximum value of engineering works executed in any one year during last five years (updated at the current price level), taking into account the completed as well as works in progress.

“M” = Multiplier Factor 1.5 times.

“N” = Number of years prescribed for completion of the work in question.

“B” = Value (updated at the current price level) of the existing commitments and ongoing works to be completed in the next 'N' years.

The Bidder shall furnish bid capacity calculation supported with statements showing the value of existing commitments and ongoing works as well as the stipulated period of completion remaining for each of the works preferably countersigned by the Nodal Office or his nominee-in charge, failing which bid will be considered as non-responsive.

6. Integrity Pact Agreement (Annexure I).

- (i) The potential bidders shall download and print the IP Agreement signed by the Employer and their witness and affix his/her signature on the IP Agreement in the presence of a witness from his/her side, who shall also affix his/her signature thereof. Having completed the signing procedure, the potential Bidder shall upload the duly filled and signed IP Agreement on n-procure portal.
- (ii) The procedure mentioned above regarding signing of Integrity Pact Agreement by both the parties (Employer and Potential bidders) shall be completed online. However, in case of any technical glitch due to which if any potential bidder is unable to upload the IP Agreement, then he/ she shall submit the Hard Copy of the dully filled, signed IP Agreement, to the Department concerned of DPA within a period of seven days and prior to opening of the Technical Bid, failing which Bid of potential Bidder shall be treated as disqualified. In case of Partnership firm, IP agreement shall be signed by all the Partners of Partnership firm failing which bid will be considered non responsive.
- (iii) If the Bidder / Contractor is a partnership or a consortium, IP agreement must be signed by all partners or consortium members failing which bid will be considered as non-responsive.

Joint Venture	Not Applicable								
Rebate	Applicable								
Bid Document Fee	Rs. 1770/- including GST - Only through Digital mode of Payment. Beneficiary: Deendayal Port Authority Account No. : 2177002100004628 IFSC Code : PUNB0217700 Punjab National Bank, Kandla Branch								
Bid Document Fee Payable To	Only through Digital mode of Payment. Beneficiary: Deendayal Port Authority Account No. : 2177002100004628 IFSC Code : PUNB0217700 Punjab National Bank, Kandla Branch								
Bid Security/ EMD (INR)	<p>Rs. 2,79,408/-</p> <p>Only through Digital mode of Payment. Beneficiary: Deendayal Port Authority Account No. : 2177002100004628 IFSC Code : PUNB0217700 Punjab National Bank, Kandla Branch</p> <p>“In case of Micro and Small Enterprises (MSEs) holding valid certificate issued by any agencies/ organization under The Ministry of Micro, Small and Medium Enterprises indicating the list of activity related to the subject tender as per National Industrial Classification-2008 mentioned in the table below only shall become eligible for exemption from payment of Tender Fee/EMD. Such bidder shall upload the scanned copy of valid certificate in preliminary bid stage as well as duly filled in and signed ‘Bid Securing Declaration’ as per format provided in the tender document (Annexure II), failing which the bid shall be considered non-responsive”.</p> <p><i>NIC codes regarding related activity are mentioned below:</i></p> <table border="1"> <tr> <td>SECTION F</td><td>Construction</td></tr> <tr> <td>Division 41</td><td>Construction of Building</td></tr> <tr> <td>Group & Class</td><td>410 & 4100</td></tr> <tr> <td>Sub-class</td><td>41001</td></tr> </table>	SECTION F	Construction	Division 41	Construction of Building	Group & Class	410 & 4100	Sub-class	41001
SECTION F	Construction								
Division 41	Construction of Building								
Group & Class	410 & 4100								
Sub-class	41001								

Date & time of Pre-Bid meeting	Not Applicable
Bid Document Downloading Start Date	Date
Bid Document Downloading End Date	Date 11/09/2025 Time 16:00 Hrs.
Last Date & Time for Online submission of bids	Date 11/09/2025 Time 16:00 Hrs. @ office of the Executive Engineer, New Kandla
Bid Validity Period	120 Days from the date of opening of preliminary bid.
Condition	<p>Integrity Pact, Tender fee & EMD shall be submitted in electronic format through on line (by scanning) while uploading the bid. This submission shall mean that Integrity Pact, EMD & Tender Fee are received. Accordingly offer of only those shall be opened whose Integrity Pact, EMD & Tender Fee is received electronically. However, for the purpose of realization, bidder shall send the same in original along with hard copy of tender (sealed & signed of authorized person), and other PQ documents through R.P.A.D./speed post or in person so as to reach to Executive Engineer, Harbour Division, Nirman Building, New Kandla within 7 days from the date of opening.</p> <p>The bidders registered with Micro and Small Enterprise (MSME) in appropriate category mentioned under related activity above are exempted for submission of EMD and Tender Fee. Scanned copy registration may be uploaded along with 'Bid Securing Declaration Form'.</p>
Remarks	Submission of E.M.D. Tender Fee and other Documents during office hours : upto 18/09/2025 by R.P.A.D /Speed post or in person in the chamber of Executive Engineer, Harbour Division, Nirman Building, First floor, New Kandla-370210, Kutch District, Gujarat State , INDIA, Mobile No.8460662630.
Bid Opening Date	Preliminary Bid will be opened on 11/09/2025 @ 16:05 Hrs. Date of opening of price bid shall be notified after scrutiny & evaluation of Technical Bid.

Documents required to be submitted by scanning through online	<p>a. Documents' in support of fulfilling qualifying criteria as indicated above.</p> <p>b. EMD Only through Digital mode of Payment.</p> <p>Beneficiary: Deendayal Port Authority Account No. : 2177002100004628 IFSC Code : PUNB0217700 Punjab National Bank, Kandla Branch</p> <p>c. Tender fee Only through Digital mode of Payment.</p> <p>Beneficiary: Deendayal Port Authority Account No. : 2177002100004628 IFSC Code : PUNB0217700 Punjab National Bank, Kandla Branch</p> <p>d. Integrity Pact Agreement (Annexure I).</p> <p>I. The potential bidders shall download and print the IP Agreement signed by the Employer and their witness and affix his/her signature on the IP Agreement in the presence of a witness from his/her side, who shall also affix his/her signature thereof. Having completed the signing procedure, the potential Bidder shall upload the duly filled and signed IP Agreement on n-procure portal.</p> <p>II. The procedure mentioned above regarding signing of Integrity Pact Agreement by both the parties (Employer and Potential bidders) shall be completed online. However, in case of any technical glitch due to which if any potential bidder is unable to upload the IP Agreement, then he/ she shall submit the Hard Copy of the dully filled, signed IP Agreement, to the Department concerned of DPA within a period of seven days and prior to opening of the Technical Bid, failing which Bid of potential Bidder shall be treated as disqualified.</p> <p>e. As indicated in clause 4 of Section 1 – Instructions to bidders.</p>
Officer- Inviting Bids	Executive Engineer, Harbour- Division, Nirman Bhavan, New Kandla, Kutch 370210.
Bid Opening Authority	Executive Engineer

Address	Executive Engineer, Harbour Division, Nirman Bhavan, New Kandla, Kutch 370210.
Contact Details	8460662630

Note : In case bidders need any clarifications or if training is required to participate in online tenders, they can contact (n)Procure Support team at following address :-

(n)code Solutions – A division of GNFC Ltd.,

(n)Procure Cell, 403, GNFC Info tower,

S.G. Road, Bodakdev,

Ahmedabad – 380054 (Gujarat).

Contact Details :

Airtel : +91-79-40007501, 40007512, 40007516, 40007517, 40007525

BSNL : +91-79-2684511, 26854512, 26854513 (EXT: 501, 512, 516, 517, 525)

Reliance : +91-79-30181689

Fax : +91-79-26857321, 40007533

E-mail : nprocure@gnvfc.net

TOLL FREE NUMBER : 1-800-233-1010 (EXT: 501, 512, 516, 517, 525)

INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR E-TENDERING FORMING PART OF NIT AND TO BE POSTED ON WEBSITE

1. Information and instructions for Contractors will form part of NIT and to be uploaded on website.
2. The intending bidder must have class-III digital signature to submit the bid.
3. The Bid Document as uploaded can be viewed and downloaded free of cost by anyone including intending bidder. But the bid can only be submitted after uploading the mandatory scanned documents.
4. Bidders may modify or withdraw their bids before last date and time of submission of bid as notified.
5. While submitting the modified bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
6. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
7. Contractor can upload documents in the form of JPG format and PDF format.
8. It is mandatory to upload scanned copies of all the documents including GST Registration No., as stipulated in the bid document. If such document is not uploaded his bid will become invalid and cost of bid document shall not be refunded.
9. If the contractor is found ineligible after opening of bids, his bid shall become invalid and cost of bid document shall not be refunded.
10. If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the contractor the bid shall become invalid and cost of bid document shall not be refunded.
11. Certificate of Financial Turn Over: At the time of submission of bid contractor may upload Certificate from CA mentioning Financial Turnover of last 3 (three) years or for the period as specified in the bid document and further details if required may be asked from the contractor after opening of technical bids. There is no need to upload entire voluminous balance sheet. Bidder should upload CA certified turnover certificate with CA stamp, signature and UDIN no. should be mentioned on it
12. Contractor must ensure to quote rate of each item. If any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).
13. The Draft information and instructions to Contractors may be modified suitably by NIT approving authority as per requirement.
14. All the mandatory document required/prescribed for pre-qualification have to be enclosed by the bidder failing which his offer shall be rejected and treated as non- responsive. However, additional documents required if any for verification of the original documents shall be submitted by the bidder if required by DPA.

List of Documents to be scanned and uploaded within the period of bid submission:

- I. Payment towards EMD shall be submitted through digital mode/online transfer in the account of Port and proof for transfer with transaction number shall be uploaded towards cost of EMD.
- II. Payment towards tender fee shall be submitted through digital mode/online transfer in the account of Port and proof for transfer with transaction number shall be uploaded towards cost of Tender Fees.
- III. Duly signed integrity pact by the bidder & one witness to be submitted in preliminary bid.
- IV. Partnership Deed and POA may be uploaded. For Private Limited Company, the POA and Board Resolution may signed by all Directors.

Bid Document

- I. Certificates of Work Experience of successfully completed works issued by the client.
- II. Certificate of Financial Turnover from CA.
- III. Any other Document as specified in the notice inviting tender.
- IV. Affidavit as per provisions of NIT.
- V. Certificate of Registration for GST, PAN and acknowledgement of up to date filed return if required.
- VI. Bid capacity calculations along with balance financial liability of works in hand.

Executive Engineer (H)
Deendayal Port Authority

SECTION : 1

INSTRUCTIONS TO BIDDERS

GENERAL

1. Scope of Bid

- 1.1 The Executive Engineer, Harbour Division Deendayal Port Authority, invites bids by E-Tendering for the works "Construction of Rest Shelter & Toilet block at Berth No. 13 & 16." detailed in the table given in NIT. The bidders may submit on-line bids for the work detailed in the table given in NIT.
- 1.2 The successful bidder will be expected to complete the works by the intended completion date specified in the contract data.

2. Source of funds

- 2.1 The employer has arranged the funds from internal sources and will have sufficient funds in Indian currency for execution of the works.

3. Eligible bidders

- 3.1 The invitation for bids is open to all eligible bidders meeting the eligibility criteria as defined clause no. 4.
- 3.2 All bidders shall provide in section 2, forms of bid and qualification information, a statement that bidder is not associated, nor has been associated in the past, directly or indirectly, with the consultant or any other entity that has prepared the design, specifications and other documents for the project manager for the contract. A firm that has been engaged by the employer to provide consulting services for the preparation or supervision of the works, and any of its affiliates, shall not be eligible to bid.
- 3.3 Government-owned enterprises may only participate if they are legally and financially autonomous, operate under commercial law and are not a dependent agency of the employer subject to fulfillment of minimum qualifying criteria.
- 3.4 Bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by the employer in accordance with clause 37.

4. Eligibility criteria

- 4.1
 - a) Experience on similar works executed during the last seven years; and details like monetary value, clients and proof of satisfactory completion.
 - b) Documentary evidence of adequate financial standing and proof from client for satisfactory completion of works.
 - c) Deleted
 - d) Equipment requirement/schedule (Refer Clause 'D' Section - 5)
 - e) Managerial / Manpower requirement (Refer Clause 'D' Section - 5)
 - f) Project Planning and Quality Control procedure to be adopted. (Refer Clause 'A' Section-5)
 - g) Information regarding projects in hand, current litigation, orders regarding exclusion, expulsion or black listing, if any.

- h) Trained & certified workmen proposed to be employed at the work site of the project. The contractor must undertake to employ of certified worker to the extent of 20% of total strength. Valid certificates by a recognized university, technical board, or ministry of government of India would only be taken cognizance of. (Refer Clause 'A' of Section - 5)

4.2 If the employer has not undertaken pre-qualification of potential bidders, all bidders shall include the following information and documents with their bids in section 2.

- (a) Copies of original documents defining the constitution or legal status, place of registration, and principal place of business; written power of attorney of the signatory of the bid to commit the bidder.
- (b) Total monetary value of construction work performed for each of the last five years.
- (c) Experience in works of a similar nature and size for each of the last five years, and details of works underway or contractually committed; and employers who may be contacted for further information on those contracts.
- (d) Major items of construction equipment proposed to carry out of the contract. (Refer Clause 'D' of Section - 5)
- (e) Qualifications and experience of key site management and technical personal proposed for the contract. (Refer Clause 'D' of Section - 5)
- (f) Reports on the financial standing of the bidder, such as profit and loss statements and auditor's reports for the past five years;
- (g) Evidence of adequacy of working capital for this contract (access to lines of credit and availability of other financial resources)
- (h) Authority to seek references from the bidder's bankers.
- (i) Information regarding any litigation, current or during the last five years, in which the bidder is involved, the party's concerned, and disputed amount.
- (j) Proposals for subcontracting components of the works amounting to more than 10 percent of the bid price (for each, the qualifications and experience of the identified sub-contractor in the relevant field should be annexed); and (Refer Clause 'A' of Section - 5)
- (k) The proposed methodology and program of construction, backed with equipment planning and deployment, duly supported with broad calculations and qualify control procedures proposed to be adopted, justifying their capacity of execution and completion of the work as per technical specifications within the stipulated period of completion as per milestones (for all contracts over Rs.10M) (Refer Clause 'A' of Section - 5)

4.3 To qualify for award of the contract, bidders are advised to note the minimum qualification criteria specified below.

- i. Average annual financial turnover during the last three years ending 31st March of the previous financial years, should be at least **Rs.83.82 Lakhs**
(The financial turnover document must be certified by a Chartered Accountant (CA) with the CA's stamp, signature, and UDIN/membership number. Additionally, all necessary

documents for the verification of turnover must be provided. Failure to comply with these requirements bid will be treated as non-responsive).

- ii. **Experience of having successfully completed similar works under Govt./ Semi Govt./ Public Sector Undertakings/ Autonomous Body working under Govt. of India/ Public Limited company (listed on National Stock Exchange or Bombay Stock Exchange), private organization during last 7 years ending last day of month previous to the one in which applications are invited if the bidder has executed the work in private organization ,necessary TDS certificate issued by the private organization should be either of the following:**
- a) Three similar completed works each costing not less than **Rs. 111.76 (excluding GST) Lakhs.**
 - b) Two similar completed works each costing not less than **Rs. 139.70 (excluding GST) Lakhs.**
 - c) One similar completed work costing not less than **Rs. 223.53 (excluding GST) Lakhs.**
- iii. “Similar Works” mean Tenderer should have completed any type of Construction of Building work successfully in that particular contract during last 7 years ending last day of month previous to the one in which applications are invited.

Work experience in Private Organization: If the Bidder has completed works in a private organization as stipulated in the Minimum Qualification Criteria (work experience), the following documents must be enclosed with the BID for consideration:

- **TDS Certificates:** The Bidder must provide TDS certificates issued by the competent authority with respect to the work experience.
- **CA Certificate:** The Bidder must submit a certificate issued by their Chartered Accountant (CA) stating that the amount shown in the TDS certificate has been received with respect to the work experience submitted by the Bidder. This document must be certified by the CA with their stamp, signature, and UDIN/membership number.

Failure to provide these documents will result in the bid being treated as non-responsive.

Work Experience as a sub-contractor: In case the Bidder has carried out work experience as a subcontractor, the following conditions must be met by bidder.

- (a) The subcontract experience shall be considered for qualification only, if the work was carried out for Govt./ Autonomous Body working under GoI/Semi Govt., or Public Limited companies. The Bidder must submit the subcontract permission issued by the respective work authority prior to the execution of the work. It is mandatory to upload the subcontract permission online along with the bid. If the subcontract permission is not authenticated, the respective bidder will be considered non-

responsive.

- (b) The completion certificate/Form-3A issued/authenticated by the concerned Government, Semi-Government, or Public Limited companies must be uploaded along with the bid submission.
- (c) The decision taken by DPA with regard to Sub-contract work experience shall be final and binding to bidder.

iv. In addition to above, the criteria regarding satisfactory performance of the work, personnel, establishment, plant, equipment, etc. may be incorporated according to the requirement of the project. **(Refer Clause 'A' Section - 5)**

4.4 To qualify for a package of contracts made up of this and other contracts for which bids are invited in the NIT, the bidder must demonstrate having experience and resources sufficient to meet the aggregate of the qualifying criteria for the individual contracts. **(Refer Clause 'A' of Section - 5)**

4.5 Sub-contractors' experience and resources shall not be taken into account in determining the bidder's compliance with the qualifying criteria except to the extent stated in 4.4 above. **(Refer Clause 'A' of Section - 5)**

4.6 Bidders who meet the minimum qualification criteria will be qualified only if their available bid capacity is more than the total bid value. The available bid capacity will be calculated as under :

Available Bid capacity = $A \times M \times N - B$, Where,

"A" = Maximum value of engineering works executed in any one year during last five years (updated at the current price level), taking into account the completed as well as works in progress.

"M" = Multiplier Factor 1.5 times.

"N" = Number of years prescribed for completion of the work in question.

"B" = Value (updated at the current price level) of the existing commitments and ongoing works to be completed in the next 'N' years.

Note : For bringing value of works to current level, multiplying factor to be indicated in tender with reference to escalation based on WPI.

Financial Year	2024 -25	2023 -24	2022 -23	2021 -22	2020 -21
Index	154.9	151.40	152.50	139.40	123.40
Multiplying factor	1.00	1.02	1.02	1.11	1.26

The Bidder shall furnish bid capacity calculation supported with statements showing the value of existing commitments and ongoing works as well as the stipulated period of completion remaining for each of the works preferably countersigned by the Nodal Office or his nominee-in charge, failing which bid will be considered as non-responsive.

4.7 Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have :

- Made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements; and/or
- Record or poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc., and/or

5. One Bid per Bidder

5.1 Each bidder shall submit only one bid for one package. A bidder who submits or participates in more than one bid (other than as a subcontractor or in cases of alternatives that have been permitted or requested) will cause all the proposals with the Bidder's participation to be disqualified.

6. Cost of Bidding

6.1 The bidder shall bear all costs associated with preparation and submission of his bid, and the Employers will in no case be responsible and liable for those costs.

7. Site Visit

7.1 The bidder, at the Bidder's own responsibility and risk is encouraged to visit and examine the Site of Works and its surroundings and obtain all information that may be necessary for preparing the Bid and entering into a contract for construction of the Works. The costs of visiting the Site shall be at the Bidders' own expense.

B. Bidding Documents

8. Content of Bidding Documents

8.1 The set of bidding documents comprises the documents listed in the table below and addenda issued in accordance with Clause 10 :

- | | | |
|-------------|---|---|
| • DC 1 | : | Bid Reference |
| • NIT | : | Invitation for Bids |
| • SECTION 1 | : | Instruction to Bidders |
| • SECTION 2 | : | Forms of Bid, Qualification Information |
| • SECTION 3 | : | Conditions of Contract |
| • SECTION 4 | : | Contract Data |
| • SECTION 5 | : | Site/ Special Conditions and Specifications |
| • SECTION 6 | : | Drawing |
| • SECTION 7 | : | Bill of Quantities |
| • SECTION 8 | : | Forms of Securities |

8.2 One set of the bidding documents will be issued to the bidder. The document should be completed and returned with the bid. **(Refer Clause 'A' of Section - 5)**

8.3 The bidder is expected to examine carefully all instructions, conditions of contract, contract data, forms, terms, technical specifications, bill of quantities, forms, drawings, annexure in the bid document. Failure to comply with the requirements

of the bid document shall be at the bidder's own risk. Pursuant to clause 26 hereof, bids which are not substantially responsive to the requirements of the bid documents shall be rejected.

9. Clarifications of the Bidding Documents

- 9.1 A prospective bidder requiring any clarification of the bidding documents may notify the employer in writing or by electronic form and be confirmed by hard copy at the Employer's address indicated in the invitation to bid. The employer will respond to any request for clarification which he received earlier than days (Suggested 7 days) prior to the deadline for submission of bids. Copies of the Employer's response will be forwarded to all purchasers of the bidding documents, including a description of the enquiry but without identifying its source.
- 9.2 Pre – bid meeting
 - 9.2.1 The bidder or his official representative is invited to attend a pre-bid meeting which will take place at Harbour Division, Nirman Bhavan, Kandla, Kutch, Gujarat **(Refer Clause 'A' of Section - 5)**
 - 9.2.2 The purpose of the meeting will be to clarify issues and to answer question on any matter that may be raised at that stage. **(Refer Clause 'A' of Section - 5)**
 - 9.2.3 The bidder is requested to submit any questions in writing or by cable to reach the Employer not later than one week before the meeting. **(Refer Clause 'A' of Section - 5)**
 - 9.2.4. Minutes of the meeting, including the text of the questions raised (without identifying the source of enquiry) and the responses given will be transmitted without delay to all purchasers of the bidding documents without delay. Any modification of the bidding documents listed in Sub-Clause 8.1 which may become necessary as a result of the pre-bid meeting shall be made by the Employer exclusively through the issue of an Addendum pursuant to Clause 10 and not through the minutes of the pre-bid meeting. **(Refer Clause 'A' of Section - 5)**
 - 9.2.5 Non-attendance at the pre-bid meeting will not be a cause for disqualification of a bidder. **(Refer Clause 'A' of Section - 5)**

10. Amendment of Bidding Documents

- 10.1 Before the deadline for submission of bids, the Employer may modify the bidding documents by using addenda.
- 10.2 Any addendum thus issued shall be part of the bidding documents and shall be communicated in writing or by cable to all the purchasers of the bidding documents. Prospective bidders shall acknowledge receipt of each addendum by cable to the Employer.
- 10.3 To give prospective bidders reasonable time in which to take an addendum into account in preparing their bids, the Employer shall extend as necessary the deadline for submission of bids, in accordance with Sub-Clause 20.2 below.

C. Preparation of Bids

11. Language of the Bid

- 11.1 All documents relating to the bid shall be in the English language.

12. Documents comprising the Bid

- 12.1 The bid submitted by the bidder shall comprise the following :

A) Technical Bid

- i. Bid Security

- ii. Qualification Information Form and Document (Pursuant to clause 4 hereof) and any other materials required to be furnished and submitted by the bidder in accordance with these instructions. The documents listed under Sections 2, 4 and 7 of Sub-Clause 8.1 shall be filled in without exception.

B) Financial Bid

Bill of Quantity duly filled and digitally signed by the Bidder.

13. Bid Prices

- 13.1 The contract shall be for the whole works as described in Sub-Clause 1.1 based on the priced Bill of Quantities submitted by the Bidder.
- 13.2 The bidder shall fill in rates and prices for all items of the Works described in the Bill of Quantities. Items for which no rate or price is entered by the bidder will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities. Corrections, if any, shall be made by crossing out, initialing, dating and rewriting. All pages of the bill of quantities shall be initialed.
- 13.3 All duties, taxes, and other levies (Excluding GST) payable by the contractor under the contract, or for any other cause shall be included in the rates, prices and total Bid price submitted by the Bidder.
- 13.4 The rates and prices quoted by the bidder are subject to adjustment during the performance of the contract. In accordance with the provisions of clause 47 of the conditions of contract.

14. Currencies of Bid and payment

- 14.1 The Unit rates and the prices shall be quoted by the bidder entirely in Indian Rupees.

15. Bid Validity

- 15.1 Bids shall remain valid for a period not less than 120 days after the deadline date for bid submission specified in clauses 20. A bid valid for a shorter period shall be rejected by the Employer as non-responsive.
- 15.2 In exceptional circumstances, prior to expiry of the original time limit, the Employer may request that the bidders may extend the period of validity for a specified additional period. The request and the bidders' responses shall be made in writing or by cable. A bidder may refuse the request without forfeiting his bid security. A bidder agreeing to the request will not be permitted to modify his bid and also shall submit an extension for EMD, if it is in the form of Bank Guarantee.

16. Bid Security (Earnest Money Deposit - EMD)

- A. Earnest money Deposit (EMD) should be 1 % of the estimated cost of work and maximum amount of earnest money should be Rs. 279408.00.
"In case of Micro and Small Enterprises (MSEs) holding valid certificate issued by any agencies/ organization under The Ministry of Micro, Small and Medium Enterprises indicating the list of activity related to the subject tender as per National Industrial Classification-2008 mentioned in the table below only shall become eligible for exemption from payment of Tender Fee/EMD. Such bidder shall upload the scanned copy of valid certificate in preliminary bid stage" as well as duly filled in and signed 'Bid Securing Declaration' as per format provided in the tender document(Annexure II), failing which the bid shall be considered non-responsive

NIC codes regarding related activity are mentioned below :

SECTION F	Construction
Division 41	Construction of Buiding
Group & Class	410 & 4100
Sub-class	41001

- B. The EMD upto Rs. 5 lakhs be payable either by online transfer. EMD beyond Rs.5 lakhs is also payable in the form of Bank Guarantee for the entire amount from any Nationalized Bank / Scheduled Bank except Co-operative Bank having its branch at Gandhidham. Bank Guarantees submitted as Earnest Money shall be valid for 28 days beyond the validity of the bid. Bank Guarantee shall be verified independently by the Port with the bank before finalization of technical offer. In the event of lack of confirmation of issue of the Bank Guarantee by the Bank, the bid shall stands disqualified.

EMD of amount Rs. 2,79,408/-

Only through Digital mode of Payment.

Beneficiary: Deendayal Port Authority

Account No. : 2177002100004628

IFSC Code : PUNB0217700

Punjab National Bank, Kandla Branch

- C. The bidders registered with Micro and Small Enterprise (MSME) in appropriate category mentioned under 16(A) above are exempted for submission of EMD and Tender Fee. Scanned copy registration may be uploaded.
- D. EMD of unsuccessful bidders other than L1 and L2 is refunded immediately after ranking of price bids. Earnest money of L2 is refunded immediately after entering in to agreement with L1 and acceptance of performance Guarantee from L1.
- E. EMD shall be refunded suo-motto without any application from the bidders.
- F. The bid security of the successful bidder will be discharged after he has signed the Agreement and furnished the required Performance security.
- G. The Bid security may be forfeited, if
- The bidder withdraws the bid after bid opening during the period of bid validity.
 - The bidder does not accept the correction of the Bid price, pursuant to Clause 27; or
 - The successful bidder fails within the specified time limit to
 - Sign the Agreement or
 - Furnish the required Performances security.

17. Alternative proposals by bidders

Conditional offer or Alternative offers will not be considered further in the process of tender evaluation.

18. Format and signing of bid

18.1 The Price Bid to be submitted on-line shall be signed digitally by a person or persons duly authorized to sign on behalf of the Bidder.

All pages of the bid where entries or amendments have been made shall be initialed by the person or persons signing the bid.

18.2 The Bid shall contain no alterations or additions, except those to comply with instructions issued by the Employer, or as necessary to correct errors made by the bidder in which case such corrections shall be initialed by the person or persons signing the bid.

D Submission of bids

19. Sealing and marking of bids

19.1 The bidder shall put Bid security document as per clause No.16, hereof in one envelope and properly seal and mark as "Bid Security". The bidder shall put documents mentioned in clause No.12.1.A (ii) in separate envelope and properly seal and mark as "Technical Bid". Then put both these envelopes into separate envelope, properly seal and mark as "Technical Bid".

The bidder shall seal "Financial Bid" as per Clause No.12.1. (B) hereof, in separate envelope duly marking the envelope as "Financial Bid".

These envelopes than be put inside one outer envelope and sealed, duly marking the outer envelope as "Technical Bid and Financial Bid". **(Refer Clause 'A' of Section - 5)**

19.2 The envelopes shall

(a) Be addressed to Nodal Officer/Employer at the following address.

Executive Engineer, Nirman Building, New Kandla

(b) bear the following identification:

Bid for (Name of contract)

Bid reference no..... (Insert number)

DO NOT OPEN BEFORE (time and date for opening, per Clause 23)

Name and address of the bidder.

The tender complete in all respect should be put in the tender box (marked tender No_____) in the office of The Dy. Chief Engineer, Harbour Division upto 12:00 hrs. on due date and open at _____ on the same date in presence of such of the tenderers who may wish to be present. **(Refer Clause 'A' of Sec-5)**

19.3 In addition to the identification required in Sub-Clause 19.2, the inner envelopes shall indicate the name and address of the bidder of the bidder to enable the bid to be returned unopened in case it is declared late, pursuant to Clause 21, or the bid is declared non responsive. If the outer envelopes are not sealed and marked as above, the Employer will assume no responsibility for the misplacement or premature opening of the technical bid and financial bid. **(Refer Clause 'A' of Section - 5)**

20. Deadline for submission of the Bids

- 20.1 Bids must be received by the Employer at the address specified above not later than in the event of the specified date for the submission of bids being declared a holiday by the Employer. The bids will be received upto the appointed time on the next working day.
- 20.2 The Employer may extend the deadline for submission of bids by issuing an amendment in accordance with Clause 10, in which case all rights and obligations of the Employer and the bidders previously subject to the original deadline will then be subject to the new deadline.
- 20.3 In case of tender document being downloaded from the web site, at the time of submission of (the hard copy of) the tender document. The tenderer shall give an undertaking that no change have been made in document. He shall be giving an undertaking that no change have been made in document. He shall be issued a printed set of document under acknowledgment with a condition that the printed version of the port tender document will be treated as authentic tender and if any discrepancy is noticed at any stage between the Port's tender document and the one submitted by the tenderer, the conditions mentioned in the Port's printed document shall prevail. Besides, the tenderer shall be liable for legal action for the lapses.
- Insert time and date; this should be the same as those given in the invitation for Bids Clause No. 20.

21. Late Bids

- 21.1 Any bid received by the Employer after the deadline prescribed in Clause 20 will be considered as non-responsive.

22. Modification and Withdrawal of Bids

- 22.1 Bidders may modify or withdraw their bids before the deadline prescribed in Clause 20.
- 22.2 Each Bidder's modification or withdrawal notice shall be prepared, sealed, marked, and delivered in accordance with Clauses 18 & 19, with the outer and inner envelopes additionally marked "MODIFICATION" or "WITHDRAWAL" as appropriate. **(Refer Clause 'A' of Section - 5)**
- 22.3 No bid may be modified after the deadline for submission of bids.
- 22.4 Withdrawal or modification of a Bid between the deadline for submission of bids and the expiration of the original period of bid validity in Clause 15.1 above or as extended pursuant to Clause 15.2 may result in the forfeiture of the Bid security pursuant to Clause 16.
- 22.5 Bidders may only offer discounts to, or otherwise modify the prices of their bids by submitting bid modifications in accordance with this clause or included in the original bid submission. **(Refer Clause 'A' of Section - 5)**

E. BID OPENING AND EVALUATION

23. Bid opening

- 23.1 On the due date and appointed time as specified in clause 20, the Employer will first open Technical bids of all bids received (except those received late) including modifications made pursuant to clause 22 in presence of the bidders or their representative who choose to attend.

In the event of the specified date for Bid opening being declared a holiday by the Employer, the bids will be opened at the appointed time and location on the next working day.

- 23.2 Envelopes marked "WITHDRAWAL" shall be opened and read out first. Bids for which an acceptable notice of withdrawal has been submitted pursuant to Clause 22 shall not be opened.

Bidder's name, withdrawals, modifications of technical bid, the presence of bid security and such other details, as the Employer may consider appropriate will be announced by the Employer at the opening. **(Refer Clause 'A' of Section - 5)**

- 23.3 If all Bidders have submitted unconditional Bids together with requisite bid security, then all bidders will be so informed then and there. If any Bid contains any deviation from the Bids documents and/or if the same does not contain Bid security in the manner prescribed in the Bid documents, then that Bid will be rejected and the Bidder informed accordingly. The sealed financial bid containing priced BOQ will be returned to him without opening. All valid financial bids whose technical bids have been determined to be substantially responsive in accordance with Clause 26 hereof, shall be opened on the specified date from declaring the results of the Technical Bid, in presence of the bidders or their representatives who choose to attend. The Bidder's name, the Bid prices, the total amount of each Bid and of any alternative Bid (if alternatives have been requested or permitted), any discounts, Bid modifications and withdrawals, and such other details as the Employer at the opening. Any bid price, discount, or alternative Bid price which is not read out and recorded at Bid opening, will not be taken into account in Bid evaluation. **(Refer Clause 'A' of Section - 5)**

- 23.4 The Employer shall prepare minutes of the Bid opening, including the information disclosed to those present and the minutes shall form part of the contract. **(Refer Clause 'A' of Section - 5)**

24. Process to be confidential.

Information relating to the examination, clarification, evaluation and comparison of the bids and recommendations for the award of a contract shall not be disclosed to Bidders or any other persons not officially concerned with such process until the award to the successful bidder has been announced.

25. Clarification of Bids

To assist in the examination and comparison of Bids, the Employer may, at his discretion, ask any Bidder for clarification of his Bid, including breakdown of unit rates. The request for clarification and the response shall be writing or by cable, but no change in the price or substance of the Bid shall be sought, offered, or permitted except as required to conform the correction of arithmetic errors discovered by the Employer in the evaluation of the Bids in accordance with Clause 27.

Subject to above para, no Bidder shall contact the Employer on any matter relating to his bid from the time of the bid opening to the time the contract is awarded. If the Bidder wishes to bring additional information to the notice of the Employer, he should do so in writing.

Any effort by the Bidder to influence the Employer's bid evaluation, bid comparison or contract award decisions, may result in the rejection of his bid. No bid may be modified after the deadline for submission of bids.

26. Examination of Bids and Determination of Responsiveness

- 26.1 Prior to detailed evaluation of Bids, the Employer will determine whether each Bid (a) meets the eligibility criteria defined in Clause 4 (b) has been properly signed by an authorized signatory (accredited representative) holding power of Attorney in his favor. The Power of Attorney shall inter alia include a provision to bind the Bidder to settlement of disputes

clause; (c) is accompanied by the required Bid security and; (d) is responsive to the requirements of the Bidding documents.

- 26.2 A substantially responsive Technical and Financial Bid is one which conforms to all the terms, conditions and specification of the Bidding documents, without material deviation or reservation. A material deviation or reservation is one (a) which affects in any substantial way the scope, quality or performance of the works; (b) which limits in any substantial way, the Employer's rights or the Bidder's obligations under the Contract; or (c) whose rectification would affect unfairly the competitive position of other Bidders presenting responsive Bids.
- 26.3 If a Technical Bid is not substantially responsive, it will be rejected by the Employer, and may not subsequently be made responsive by correction or withdrawal of the non-conforming deviation or reservation.
- 26.4 The envelop marked as financial bid of those bidders whose technical bid has been determined to be non-responsive shall not be opened and will be returned unopened.
(Refer Clause 'A' of Section - 5)

27. Correction of Errors

- 27.1 Bids determined to be responsive will be checked by the Employer for any arithmetic errors. Errors will be corrected by the Employer as follows : **(Refer Clause 'A' of Section - 5)**
- (a) Where there is a discrepancy between the rates in figures and in words, the rate in words will govern; and
 - (b) Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern.
- 27.2 The amount stated in the Bid will be adjusted by the Employer in accordance with the above procedure for the correction of errors and, with the concurrence of the Bidder, shall be considered as binding upon the bidder. If the bidder does not accept the corrected amount the Bid will be rejected, and the Bid security may be forfeited in accordance with Sub-Clause 16.F. (B). **(Refer Clause 'A' of Section - 5)**

28. NIL

29. Evaluation and Comparison of Bids

The Employer will evaluate and compare only the bids determined to be responsive in accordance with Clause 26.

In evaluating the Bids, the Employer will determine for each Bid the evaluated Bid Price by adjusting the Bid Price as follows :

- (a) Making any correction for errors pursuant to Clause 27;
- (b) Making appropriate adjustments to reflect discounts or other price modification offered in accordance with Sub Clause 22.5

The estimated effect of the price adjustment conditions under Clause 47 of the conditions of contract, during the period of implementation of the Contract, will not be taken into account in Bid evaluation.

If the Bid of the successful Bidder is seriously unbalanced in relation to the Nodal Officer or his nominee's estimate of the cost of work to be performed under the contract, the Employer may require the Bidder to produce detailed price analyses for any or all items of the Bill of Quantities, to demonstrate the internal consistency of those prices with the implementation/construction methods and schedule proposed.

30. NIL

F. AWARD OF CONTRACT

31. Award Criteria

31.1 The Employer will award the Contract to the Bidder whose Bid has been determined to be responsive to the Bidding documents and who has offered the lowest evaluated Bid Price, provided that such Bidder has been determined to be (a) eligible in accordance with the provisions of Clause 3, and (b) qualified in accordance with the provisions of Clause 4. The second bidder (i.e. L2) shall be kept in reserve and may be invited to match the bid submitted by the (L1) bidder in case such bidder withdraws or is not selected for any reason.

32. Employer's Right to accept any Bid and to reject any or all.

Notwithstanding clause 31, the Employer reserve the right to accept or reject any bid and to cancel the bidding process and reject all bids, at any time prior to the award of contract, without thereby incurring any liability to the affected bidder or bidders of the grounds for Employer's action.

33. Notification of Award and Signing of Agreement

33.1 The Bidder whose bid has been accepted will be notified of the award by the Employer prior to expiration of the Bid validity period by cable, telex or facsimile confirmed by registered letter. This letter (hereinafter and in the Conditions of Contract called the "Letter of Acceptance") will state the sum that the Employer will pay the Contractor in consideration of the execution, completion and maintenance of the works by the Contractor as prescribed by the Contract (hereinafter and in the Contract called the "contract Price").

33.2 The notification of award will constitute the formation of the Contract subject only to the furnishing of a performance security in accordance with the provision of Clause 34.

33.3 The Agreement will incorporate all correspondence between the Employer and the successful bidder. It will be signed by the employer and sent to the successful Bidder within (28 days of award of work for global tender and Within 14 days for domestic tender) following the notification of award along with the Letter of Acceptance. Within (28 days for global tender and within 21 days for domestic tender) of receipt, the successful Bidder will furnish the performance security and sign the Agreement with the Employer.

33.4 Upon the furnishing by the successful Bidder of the Performance Security, the Employer will promptly notify the other Bidders that their Bids have been unsuccessful and release their Bid security (EMD).

34. Performance Security

34.1 Security deposit shall consist of two parts; a) Performance Guarantee to be submitted at award of work, and b) Retention money to be recovered from Running Bills.

Security Deposit/ Performance guarantee shall be 10% of Contract price of which 5% of total contract price (Part A & B) should be submitted as FDR or Bank Guarantee of Nationalized/scheduled bank (except Co-operative) Banks having its branch at

Gandhidham, or Digital transfer or in form of Insurance Surety Bond as per format and condition in Form – 8A in Tender Document within (21 days in case of domestic bid and within 28 days in case of global bids) of receipt of letter of acceptance and balance 5% recovered as Retention Money from Running Bills. Recovery of 5% of Retention Money to commence from the first bill onwards @ 5% of bill value from each bill. Retention Money of Part –A (Civil & Electric Part) will be refunded within 14 days from the date of payment of final bill of Part - A. Retention Money on part B (maintenance part) will be released within 14 days from the date of payment of final bill of maintenance Part.

Balance SD for Part A (Civil & Electric Part) & Part B (maintenance Part) to be refunded immediately not later than 14 days from completion of defect liability period, NOC from Geology Department.

The performance guarantee submitted in form Bank Guarantee should be valid for period of 60 days beyond the date of completion of all contractual obligations of the contractor, including Defect Liability Period.

34.2 Failure of the successful Bidder to comply with the requirements of Sub-Clause 34.1 shall constitute sufficient grounds for cancellation of the award of work and forfeiture of the Bid security.

34.3 The documentary evidence (copy of paid Challan in Govt. Treasury) of Welfare cess @1% of work done or as amended By Statutory Authority from time to time, paid on final bill shall be submitted before releasing the Performance Guarantee.

35. Advance Payment

35.2 The Employer will provide an Advance payment on the Contract Price as stipulated in the Conditions of Contract, subject to maximum amount, as stated in the Contract Data.
(Refer Clause 'A' of Section - 5)

36. Conciliator

36.1 The Employer proposes that CIDC – SIAC Arbitration Centre be appointed as Conciliator under the contract as provided in sub-clause 24.1 of condition of contract. If the bidder disagrees with this proposal, the bidder should so state in the bid. **(Refer Clause 'A' of Section - 5)**

37. Corrupt or Fraudulent Practices

37.1 The Employer requires that Bidders/Suppliers/Contractors under this contract, observe the highest standard of ethics during the procurement and execution of this contract. In pursuance of this policy, the Employer :

- (a) Defines, for the purpose of these provisions, the terms set forth below as follows:
 - (i) "Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and
 - (ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Employer,

- and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Employer of the benefits of free and open competition.
- (b) Will reject a proposal for award of work if he determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.
 - (c) Will declare a Bidder ineligible, either indefinitely for a stated period of time, to be awarded a contract/contracts if he at any time determines that the Bidder has engaged in corrupt or fraudulent practices in competing for or in executing, the contract.

37.2 Furthermore, Bidders shall be aware of the provision stated in sub-clause 59.2 of the conditions of Contract.

SECTION : 2

FORMS OF BID, QUALIFICATION INFORMATION

TABLE OF FORMS

- 1. FORM OF BID**
- 2. CONTRACTOR'S BID**
- 3. PRE-QUALIFICATION OF BIDDERS**
- 4. LETTER OF ACCEPTANCE**
- 5. NOTICE TO PROCEED WITH THE WORK**
- 6. AGREEMENT FORM**

SPECIMEN FOR FORM OF BID

(To be executed on bidder's letter head)

Date of Tender Submission _____, Tender No. _____

Name of Work :- " Construction of Rest Shelter & Toilet block at Berth No. 13 & 16."

To,
The Executive Engineer
Harbour Division
Deendayal Port Authority,
Annex Building, 3rd^t floor,
AO Building
Gandhidham Pin 370-201,
Dist. - Kutch (Gujarat).

We, the undersigned, declare that :

- (a) we have examined and have no reservations to the tender documents, including addenda and clarifications issued
- (b) we offer to execute the work in conformity with the tendering documents and in accordance with the delivery schedules specified in the schedule of requirements in accordance with the tender document
- (c) The total price of our tender, excluding any discounts offered in item(d) below, is [insert the total tender price in words and figures, indicating the various amounts and the respective currencies];[in case of techno-commercial offer it shall be mentioned that 'as filled in the price bid'] **(Refer Clause 'A' of Section - 5)**
- (d) The discounts offered and the methodology for their application are :
Discounts. if our tender is accepted, the following discounts shall apply. [Specify in detail each discount offered and the specified item of the Schedule of Requirements to which it applies.] [in case of Techno-Commercial offer it shall be mentioned that "as filled in the Price Bid "]

Methodology of application of the discounts. The discounts shall be applied using the following method: [Specify in detail the method that shall be used to apply the discounts]. [in case of Techno- Commercial offer it shall be mentioned that " as filled in the Price Bid "]
(Refer Clause 'A' of Section - 5)

- (e) our tender shall be valid for the period of time specified in **[ITB Sub-clause 15.1]**, from the date fixed for the tender submission deadline in accordance with **[ITB Sub- clause20.1]** , and it shall remain binding upon us and may be accepted at any time before the expiration of that period or any extended period accordance with **[ITB Sub-clause 15.2];**
- (f) If our tender is accepted, we commit to submit a performance guarantee in accordance with [insert relevant clause no., ITB Sub-clause 34] for the due performance of the contract, as specified in specimen form for the purpose.
- (g) We, including any subcontractors or contractors for any part of the contract,[insert the nationality of the Tenderer, including that of all parties that comprise the Tenderer, if the

Tenderer is a JV, and the nationality each subcontractor and Contractor]. **(Refer Clause 'A' of Section - 5)**

- (h) We have no conflict of interest in accordance with **[ITB Sub-clause no. 5]**.
- (i) Our firm, its affiliates or subsidiaries- including any subcontractors or contractors for any part of the contract – has not been declared ineligible by the port, under laws of India or official regulations in accordance with **[ITB Sub-clause no. 3]**
- (j) We understand that this tender, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract agreement is prepared and executed in accordance with **[ITB Sub-clause 33]** and as per specimen from the purpose;
- (k) We understand that you are not bound to accept the lowest evaluated tender or any other tender that you may receive.
- (l) We also make specific note clauses of [ITB, NIT] under which the contract is governed.
- (m) In case of out station firms, having a branch in India for liaison purposes, please mention the name of the contact person and Tel. no., Fax. no., and mail-Id and also the complete postal address of the firm.
- (n) We understand that the communication made with the firm at (m), by the port shall be deemed to have been done with us.

Signed: [insert signature of person whose name and capacity are shown]

In the capacity of [insert legal capacity of person signing the form of tender]

Name: [insert complete name of person signing the form of tender]

Duly authorized to sign the tender for and on behalf of: [insert complete name of tenderer]

Dated on _____ day of _____, _____ (insert date of signing)

CONTRACTOR'S BID (Refer Clause 'A' of Section - 5)

Name of Work :- " Construction of Rest Shelter & Toilet block at Berth No. 13 & 16."

TO,

----- (The employer)

Address

GENTLEMEN,

We offer to execute the works described above in accordance above with the conditions of Contract accompanying this bid for the contract price of _____ (in figures)
_____ (in letters)

The advance payment required / not required as per rule.

We accept the appointment of _____ as the conciliator.

(OR)

We do not accept the appointment of _____ as the conciliator and propose instead that _____ be appointed as Conciliator whose daily fees and biographical data are attached.

This bid and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any Bid you receive.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force In India namely "prevention of corruption act 1988"

We hereby confirm that this bid complies with the bid validity and security required by the bidding documents.

We attach herewith our copy of permanent account number (PAN)

Yours faithfully,

Authorized Signature:

Name & title of signatory

Name of Bidder

Address

Notes:

To be filled in by the bidder, together with his particulars and date of submission at the bottom of the form of bid.

PRE-QUALIFICATION OF BIDDERS

The information to be filled in by the bidder in the following pages will be used for purposes of pre-qualification as provided for in the instructions to tenderers.

1. Only for individual bidders

1.1 Constitution or legal status of bidder (attach copy)

- Place of registration
- Principal place of business
- Power of attorney of signatory of bid (Attach)

2. Turnover of the Firm/ JV

YEAR	TURN OVER
2023-24	
2022-23	
2021-22	
Average	

Attachments : Financial reports for the last three years; balance sheets, profit and loss statement, auditors' reports (in case of companies/ corporation) etc., list them below and attach copies. Bidder should upload CA certified turnover certificate with CA stamp, signature and UDIN no. should be mentioned on it

3. Similar works

Particulars	Year	No. of works	Value
Total value completed similar work as defined in the tender document during last 7 years	2018-19		
	2019-20		
	2020-21		
	2021-22		
	2022-23		
	2023-24		
	2024-25		

Attachments: Supporting documents, viz., successful completion certificates from clients, other documentations to substantiate the similarity of work as per definition of "similar work" employers reserve the right to verify the information;

4. Information on bid capacity (works for which bids have been submitted and works which are yet to be completed) as on the date of this bid.

(A) Existing commitments and on-going works.

Description of work	Place & state	Contract no.& date	Name& address of port	Value of contract Rs.	Stipulated Period of completion	Value of remaining to be completed	Anticipated date of completion

(B) Works for which bids already submitted

Description of work	Place & state	Name& address of port	Value of contract Rs.	Stipulated Period of completion	Date when decision is expected	Remarks if any

Attach certificates from the nodal officer or his nominee(s)-in-charge.

5. The following contractor's Equipment are essential for carrying out the works. The bidder should list all information requested below.

Item of equipment	Requirement no. capacity	Owned/ leased /to be procured	Nos./ capacity	Age/ condition	Remarks (from whom to be purchased)

6. Qualification and experience of key personnel proposed for administration and execution of the contract. Attach biographical data. Refer also to sub. clause 4.3(e) of instructions to bidders and sub. Clause 9.1 of the conditions of contract.

Position	Name	Qualification	Years of experience (General)	Years of experience in the proposed position
Project manager				
Discipline specialist etc.,				

7. Proposed sub-contracts and firms involved (Refer Clause 'A' of Section - 5)

Sections of the works	Value of sub-contract	Sub-contractor (name and address)	Experience in similar work

8. Information on litigation history in which the bidder is involved.

Other party(ies)	port	Cause of dispute	amount	Remarks involved showing present status

9. Additional information bidder may like to submit

Duly authorized to sign this authorization on behalf of (insert complete name of tenderer)

Dated on _____ day of _____ [insert date of signing]

LETTER OF ACCEPTANCE
(On letterhead paper of the Port)

_____ (date)

TO :

(Name and address of the contractor)

Dear Sirs,

Sub. :

Tender No. :

Name of Work : Construction of Rest Shelter & Toilet block at Berth No. 13 & 16.

Ref. : Your bid dated

And [list the correspondence with the bidder]

This is to notify you that your bid dated _____ for execution of the _____ (name of the contract and identification number, as given in the instructions to bidders) for the contract price of rupees _____ (amount in words and figures as corrected and modified in accordance with the tender document is here by accepted by the employer/Board).

You are hereby requested to furnish performance security, in the form detailed in tender document for an amount of Rs. _____ within {_____} days of the receipt of this letter of acceptance valid upto 28 days from the date of completion obligations expiry of taking over certificate subject to removal of defects period i.e. upto _____ and also sign the contract agreement within {_____} days of the receipt of this letter of acceptance , failing which action as stated in the tender document will be taken.

Detailed letter of acceptance will follow.

Please acknowledge receipt.

Yours faithfully,

Chief Engineer
Deendayal Port Authority

ISSUE OF NOTICE TO PROCEED WITH THE WORKS

(Letterhead of the Port)

_____dated

To

(Name and address of the contractors)

Dear Sirs,

Sub. :

Tender No. :

Name of Work : Construction of Rest Shelter & Toilet block at Berth No. 13 & 16.

Ref. : Letter of acceptance no. dated

Pursuant to your furnishing the requisite security as stipulated in [clause 21 of general conditions of contract] and signing of the contract for execution of the _____ you are hereby instructed to precede with the execution of the said works in accordance with the contract documents. It is hereby notified that the [site] is being handed over to you for execution of work in accordance with the contract documents.

Yours faithfully,

**Executive Engineer
Harbour Division
Deendayal Port Authority**

SPECIMEN CONTRACT AGREEMENT

(to be executed on Rs.500/-non-judicial stamp paper)

[the successful tenders shall fill in this form in Accordance with the instructions indicated]

THIS CONTRACT AGREEMENT is made

The [insert: number] day of [insert: month], [insert: year]

Between

- (1) The Board of Deendayal Port Authority, an autonomous body of the Ministry of PORT, SHIPPING & Waterways of the Government of INDIA, incorporated under the **MAJOR PORT AUTHORITIES ACT, 2021** as amended thereafter, under the laws of India and having its principal place of business at [insert address of port] (hereinafter called "the "Board"/port"), and
- (2) [insert name of the contractor], [incorporated under] the laws of [country of contractor] and having its place of business at [insert: address of contractor] (hereafter called "the contractor")

WHEREAS the employer board invited tenders against tender no.[number] for execution of [tender title and brief description] and has accepted a tender by the contractor in accordance with the supply/delivery schedules, in the sum of [insert contract price in words and figures, expressed in the contract currency (ies)] (hereafter called "contract price")

AND WHEREAS the contractor agreed to deposit the Security Deposit as follows for the due fulfillment of all the conditions of the contract.

1.Rs._____paid in the form of FDR/ Bank Guarantee or Digital Payment towards 5% of Contract value as Performance Guarantee Balance amount towards S.D. being 5% of contract value will be recovered from work bills

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this agreement words and expressions shall have the same meanings as per respectively assigned to them in the conditions of contract refer to.
2. the following documents shall constitute the contract between the employer/ board and the contractor, and each shall be read and construed as an integral part of the contract:

- (a) This contract agreement;
- (b) Special conditions of contract;
- (c) General conditions of contract;
- (d) Technical requirements (including schedule of requirements and technical specifications, drawings);
- (e) Notice inviting tender;
- (f) Replies issued to the pre-bid queries, addenda is any issued [numbers and date];
- (g) The contractor's bid and original price and delivery schedules;
- (h) The employer/ board's notification of award;
- (i) [correspondence the employer/board has exchanged with the bidder till and after award of contract [specific letters and dates]]
- (j) And [add here any other documents]

AND WHEREAS

EMPLOYER/BOARD accepted the bid of CONTRACTOR for the provision and the execution of WORK at the CONTRACT PRICE as indicated in CONTRACT upon the terms and subject to the conditions of contract. Now this CONTRACT AGREEMENT witnessed and it is hereby agreed and declared as follows:

All the disputes related to the subject contract shall be resolved through a conciliation committee / councils comprising of independent subject experts

3. In consideration of the payment to be made to CONTRACTOR for work to be executed by him. CONTRACTOR hereby covenants with EMPLOYER/ BOARD what CONTRACTOR shall and will duly provide, execute and complete work and things in CONTRACT, mentioned or described or which are to be implied there from or may be reasonably necessary for completion of work and the times and in the manner and subject to the terms and conditions or stipulations mentioned in CONTRACT.

4. In consideration of the due provision, execution and completion of work by the contractor in accordance with the terms of the contract, the employer / board does hereby agree with contractor that employer /board will pay to contractor the respective amounts for the work actually done by him ad approved by employer/board as per payment terms accepted in contract and payable to contractor under provision of contract at such manner as provided for in the contract.
5. in consideration of the due provision, execution and completion of work, contractor done hereby agree to pay such sums as may be due to employer/ board for the services rendered by employer/ board to contractor as set forth in contract and such other sums as may become payable to employer/ board towards loss, damage to the employer/ board's equipment, materials etc. and such payments to be made at such time and in such manner as is provided in the contract.

IN WITNESS where of the parties hereto have caused this agreement to be executed in accordance with the laws of [insert name of the contract governing law country] on the day, month and year indicated above.

M/s. _____

(Name, signature Designation
and Seal of the Contractor)

WITNESS

1. -----

2. -----

Signed, sealed & delivered

By Chief Engineer on

behalf of the Board in the

Presence of :

Contractor

Chief Engineer

Deendayal Port Authority

FOR & ON BEHALF OF THE
BOARD OF DEENDAYAL POR
AUTHORITY

Witness : (Name, Signature, address)

1. -----

2. -----

(Dy. HOD & XEN)

The common seal of the

Board of Deendayal Port Authority affixed in

the presence of :

SECRETARY

DEENDAYAL PORT AUTHORITY

SECTION : 3

CONDITIONS OF CONTRACT

CONDITIONS OF CONTRACT

A. General

1. Definitions

- 1.1 Terms which are defined in the Contract Data are not also defined in the Conditions Contract but keep their defined meanings capital initials are used to identify defined terms.

The Conciliator is the person appointed jointly by the Employer and the contractor to resolve disputes in the first instance as provided for in clauses 24 and 25. The names of the Adjudicator is defined in the Contract Data. **Refer Clause 'A' of Section - 5**

Bill of Quantities means the priced and completed Bill of Quantities forming part of the Bid.

Compensation Events are those defined in Clause 44

The Completion Date is the date of Completion of the Works as certified by the Nodal Officer or his nominee in accordance with Sub Clause 55.1

The Contract is the contract between the Employer and the Contractor to execute, complete and maintain the Works. It consists of the documents listed in Clause 2.3 below.

The Contract Data defines the documents and other information which comprise the Contract.

The Contractor is a person or corporate body whose Bid to carry out the Works has been accepted by Employer.

The Contractor's Bid is the completed Bidding documents submitted by the Contractor to the Employer.

The Contract Price is the stated in the letter of acceptance and thereafter as adjusted in accordance with the provisions of the Contract.

Days are calendar days, months are calendar months.

A Defect is any part of the Works not completed in accordance with the Contract.

The Defects Liability Period is the Period named in the Contract Data and calculated from the Completion Date.

The Employer is the party who will employ the contractor to carry out the Works.

The Nodal Officer or his nominee is the person named in the Contract Data (or any other Competent person appointed and notified to the contractor to act in replacement of the Nodal Officer or his nominee) who is responsible for supervising the Contractor, Administering the Contract, certifying payments due to the Contractor, issuing and valuing Variations to the contract, awarding extensions of time and valuing the Compensation Events.

Equipment is the Contractor's machinery and vehicles brought temporarily to the Site to construct the Works.

The Initial Contract Price is the Contract Price listed in the employer's Letter of Acceptance.

The Intended Completion Date is the date on which it is intended that the Contractor shall complete the works. The Intended Completion Date is specified in the Contract Data. The Intended Completion Date may be revised only by the Nodal Officer or his nominee by issuing an extension of time.

Materials are all supplies, including consumables, used by the contractor for incorporation in the Works.

Plant is any integral part of the Works which is to have mechanical, electrical, electronic or chemical or biological function.

The Site is the area defined as such in the Contract Data.

Site Investigation Reports are those which were included in the Bidding documents and are factual interpretative reports about the surface and subsurface conditions at the site.

Specification means the Specification of the Works included in the Contract and any modification or addition made or approved by the Nodal Officer or his nominee.

The Start Date is given in the Contract Data. It is the date when the Contractor shall commence execution of the works. It does not necessarily coincide with any of the Site Possession Date.

A Subcontractor is a person or corporate body who has a Contract with the Contractor to carry out a part of the work in the Contract which includes work on the site.

Temporary Works are works designed, constructed, installed and removed by the Contractor which are needed for construction or installation of the Works.

A Variation is an instruction given by the Nodal Officer or his nominee which varies the Works.

The Works are what the Contract requires the Contractor to construct, install and turn over to the Employer as defined in the Contract Data.

The Trained Work Person are those employed/proposed to be employed by the Contractor at the Project Site, who have participated and are in possession of a valid Competency Certificate through a programme run under the auspices of a University, State Technical Board, Ministry of Government of India.

2. Interpretation

- 2.1 In interpreting this Condition of Contract, singular also means plural, male also means female or neuter and the other way around. Headings have no significance. Words have their normal meaning under the language of the Contract instructions clarifying queries about the Conditions of Contract.
- 2.2 If sectional completion is specified in the Contract Data, references in the Conditions of Contract to the Works, the Completion Date, and the Intended Completion Date apply to any Section of the Works (other than references to the Completion Date and Intended Completion date for the whole of the Works).
- 2.3 The documents forming the Contract shall be interpreted in the following order of priority:
 - (1) Agreement
 - (2) Letter of Acceptance and notice to proceed with Works Contractor's Bid.
 - (3) Contract Data
 - (4) Conditions of Contract including Special Conditions of Contract
 - (5) Specifications
 - (6) Drawings
 - (7) Bill of quantities and
 - (8) Any other documents listed in the Contract Data as forming part of the Contract.

3. Language and Law

- 3.1 The language of the Contract and the law governing the Contract are stated in the Contract Data.

4. Nodal Officer or his nominee's Decisions

- 4.1 Except where otherwise specifically stated, the nodal officer or his nominee will decide contractual matters between the Employer and the Contractor in the role representing the Employer.

5. Delegation

- 5.1 The Nodal officer or his nominee may delegate any of the duties and responsibilities to other people except to the Conciliator after notifying the Contractor and may cancel any delegation after notifying the Contractor.

6. Communications

- 6.1 Communications between parties which are referred to in the conditions are effective only when in writing. A notice shall be effective only when it is delivered (in terms of Indian Contract Act 1872).

7. Joint Venture (Refer Clause 'D' of Section - 5)

Companies/Contractors may jointly undertake contract/contracts. Each only would be jointly and severally responsible for completing the task as per the contract, however declaration of the Lead member to be indicated by bidders, however JV has to designate in their MOU. The firms with at least 26% equity holding each be allowed to jointly meet the legibility criteria.

Note : JVs/Consortia be allowed in all contracts of estimated cost of more than Rs.5 crores. However, there shall be no limit on the number of partners.

8. Subcontracting

- 8.1 The Contractor may subcontract with the approval of the Nodal Officer or his nominee but may not assign the Contract without the approval of the Employer in writing. Subcontracting does not alter the Contractor's obligations. **Refer Clause 'A' of Section - 5**

Other Contractor

- 8.2 The Contractor shall co-operate and share the Site with other contractors, public authorities, utilities, and the Employer between the dates given in the Schedule of other contractors. The Contractor shall as referred to in the Contract Data, also provide facilities and services for them as described in the Schedule. The employer may modify the schedule of other contractors and shall notify the contractor of any such modification.

9. Personnel

- 9.1 The Contractor shall employ the key personnel named in the Schedule of Key Personnel as referred to in the Contract Data to carry out the functions stated in the Schedule or other personnel approved by the Nodal Officer or his nominee. The Nodal Officer or his nominee will approve any proposed replacement of Key personnel only if their qualifications, abilities, and relevant

experience are substantially equal or better than those of the personnel listed in the Schedule.

- 9.2 If the Nodal Officer or his nominee asks the Contractor to remove a person who is a member of the Contractor's staff of his work force stating the reasons, the Contractor shall ensure that the person leaves the Site within seven days and has no further connections with the work in the Contract.

10. Employer's and Contractor's Risks

- 10.1 The Employer carries the risks which this contract states are Employer's risks and the Contractor carries the risks which this Contract states are Contractor's risks.

11. Employers Risks

- 11.1 The Employers risks are

- (a) In so far as they directly affect the execution of the Works in the country where the Permanent Works are to be executed:
 - (i) War and hostilities (whether war be declared or not), invasion, act of foreign enemies :.
 - (ii) Rebellion, revolution, insurrection, or military or usurped power, or civil war,
 - (iii) Ionizing radiations, or contamination by radioactivity from any nuclear fuel, or from any nuclear waste, from the combustion of nuclear fuel, radioactive toxic explosive or other hazardous properties of any explosive nuclear assembly or nuclear component thereof :
 - (iv) Pressure waves caused by aircraft or other aerial devices traveling at sonic or supersonic speeds; and
 - (v) riot, commotion or disorder, unless solely restricted to the employees of the Contractor or of his Subcontractors and arising from the conduct of the Works;
 - (vi) floods, tornadoes, earthquakes and landslides
- (b) Loss or damage due to the use or occupation by the Employer of any Section or part of the Permanent Works, except as may be provided for in the Contract;
- (c) loss or damage to the extent that it is due to the design of the Works, other than any part of the design provided by the Contractor or for which the Contractor is responsible; and

- (d) Any operation of the forces of nature (in so far as it occurs on the Site) which an experienced contractor:
 - (i) could not have reasonably foreseen, or
 - (ii) Could reasonably have foreseen, but against which he could not reasonably have taken at least one of the following measures.
 - A. Prevent loss or damage to physical property from occurring by taking appropriate measures, or
 - B. Insure against.

12. Contractor's risks

- 12.1 All risks of loss of or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract other than the excepted risks are the responsibility of the Contractor.

13. Insurance

- 13.1 The Contractor shall provide in the joint names of the employer and the Contractor, insurance cover from the Start Date to the end of the Defects Liability Period, in the amounts and deductibles state in the Contract Data for the following events which are due to the Contractors risks.
 - a) Loss of or damage to the Contractors risks.
 - b) Loss of or damage to Equipment;
 - c) Loss of or damage property (except the Works, Plant, Materials and Equipment in connection with the Contract, and
 - d) Personal injury of death.
- 13.2 Policies and certificates for insurance shall be delivered by the Contractor to the Nodal Officer or his nominee for the Nodal Officer or his nominee's approval before Start Date. All such insurance shall provide for compensation to be payable in the types and proportions of currencies required to rectify the loss or damage incurred.
- 13.3 If the Contractor does not provide any of the policies and certificates required, the Employer may effect the insurance which the Contractor should have provided and recover the premiums the Employer has paid from payments otherwise due to the Contractor or, if no payment of the premiums shall be a debt due.
- 13.4 Alternate to the terms of insurance shall not be made without the approval of the Nodal Officer or his nominee.

13.5 Both parties shall comply with all conditions of the insurance policies.

14. Site Investigation Reports

14.1 The Contractor, in preparing the Bid, shall rely on the Investigation Report referred to in the Contract Data, supplemented by any information available to the Bidder.

15. Queries about the Contract Data.

15.1 The Nodal Officer or his nominee will clarify queries on the Contract Data.

16. Contractor to Construct the Works.

16.1 The Contractor shall construct and install the Works in accordance with the Specification and Drawings.

17. The Works to Be Completed by the Intended Completion Date.

17.1 The Contractor may commence execution of the Works on the Start Date and shall carry out the Works in accordance with the program submitted by the Contractor as updated with the approval of the Nodal Officer or his nominee, and complete them by the Intended Completion Date.

18. Approval by the Nodal Officer or his nominee.

18.1 The Contractor shall submit Specifications and Drawings showing the proposed Temporary Works to the Nodal Officer or his nominee, who is to approve them if they comply with the specifications and Drawings.

18.2 The Contractor shall be responsible for design of Temporary Works.

18.3 The Nodal Officer or his nominee's approval shall not alter the Contractor's responsibility for design of the Temporary Works.

18.4 **NIL**

18.5 All Drawings prepared by the Contractor for the execution of the temporary or permanent Works, are subject to prior approval by the Nodal Officer or his nominee before their use.

19. Safety

19.1 The Contractor shall be responsible for the safety of all activities on the Site.

20. Discoveries

20.1 Anything of historical or other interest or of significant value unexpectedly discovered on the Site is the property of the Employer. The contractor is to

notify the Nodal Officer or his nominee of such discoveries and carry out the Nodal Officer or his nominee's instructions for dealing with them.

21. Possession of the Site

- 21.1 The Employer shall give possession of all parts of the Site to the Contractor, free from encumbrances. If possession of a part is not given by the date stated in the Contract Data the Employer is deemed to have delayed the start of the relevant activities and this will be a Compensation Event. **Refer Clause 'A' of Section – 5.**

22. Access to the Site

- 22.1 The Contractor shall allow the Nodal Officer or his nominee and any person authorized by the Nodal Officer or his nominee access to the Site to any place where work in connection with the Contract is being carried out or is intended to be carried out and to any place where materials or plant are being manufactured, fabricated and/or assembled for the works.

23. Instructions

- 23.1 The Contractor shall carry out all instructions of the Nodal Officer or his nominee which comply with the applicable laws where the Site is located.

24. Disputes

- 24.1 If the Contractor believes that a decision taken by the Nodal Officer or his nominee was either outside the Authority given to the Nodal Officer or his nominee by the Contract or that the decision was wrongly taken, the decision shall be referred to the conciliator within 28 days of the notification of the Nodal Officer or his nominee's decision. **Refer Clause 'A' of Section – 5**

25. Settlement of Disputes

- 25.1 If a dispute of any kind whatsoever arises between the Employer and the Contractor in connection with, or arising out of the Contract or the execution of the Works, whether during the execution of the Works or after their completion and whether before or after repudiation or after termination of the Contract, including any disagreement by either party with any action, inaction, opinion, instruction, determination, certificate or valuation of the Nodal Officer or his nominee, the matter in dispute shall, in the first place be referred to the Disputes Review Board [DRD] in case of contracts valuing more than Rs.5 Crores and above, and for contracts valuing less than Rs. 5 Crores, the disputes will firstly be settled by the Conciliator, failing which any party may invoke arbitration clause.

Unless the Contract has already been repudiated or terminated or frustrated the Contractor shall in every case, continue to proceed with the Works with all

due diligence and the Contractor and the Employer shall give effect forthwith to every decision of the Nodal Officer or his nominee unless and until the same shall be revised, as hereinafter provided, by the conciliator or in a Dispute Review Board recommendation / Arbitral Award. **(Refer Clause 'A' of Section - 5)**

25.2 Decision by Conciliator (Refer Clause 'A' of Section - 5)

- i. The Conciliator shall give a decision in writing within 28 days of receipt of a notification of a dispute.
- ii. Conciliator shall be paid daily at the rate specified in the contract Data together with reimbursable expenses of the types specified in the contract data and the cost shall be divided equally between the Employer and the contractor, whatever decision is reached by the conciliator, either party may refer a decision of the conciliator within 28 days of the conciliator's written decision. If neither party refers the disputes to arbitration within 28 days, the conciliators decision will be final and binding.

25.3 Arbitration (Refer Clause 'A' of Section - 5)

Any dispute in respect of in respect of contracts where party is dissatisfied by the Conciliators decision shall be decided by arbitration as set forth below :

- i. A dispute with Dispute review expert shall be finally settled by arbitration in accordance with the Indian Arbitration and Conciliation Act, 1996, or any statutory amendment thereof. The arbitral tribunal shall consist of 3 arbitrators, one each to be appointed by the Employer and the Contractor, and the third to be appointed by the mutual consent of both the arbitrators, falling which by making a reference to CIDC-SIAC Arbitration Centre from their panel.
- ii. Neither party shall be limited in the proceeding before such arbitrations to the evidence or arguments already put before the Nodal Officer or his nominee or the Board, as the case may be, for the purpose of obtaining said recommendations/decision. No such recommendations/decision shall disqualify the Nodal Officer or his nominee or any of the members of the Board, as the case may be, from being called as a witness and giving evidence before the arbitrators or any matter whatsoever relevant to the dispute.
- iii. The reference to arbitration shall proceed notwithstanding that the works shall not then be or be alleged to be complete , provided always that the obligations of the Employer, the Nodal Officer or his nominee and the Contractor shall not be altered by reason of the arbitration being conducted during the progress of the works. Neither party shall be entitled

- to suspend the works to which the dispute relates, and payment to the contractor shall be continued to be made as provided by the contract.
- iv. If one of the parties fail to appoint its arbitrators in pursuance of sub-clause [i], within 14 days after receipt of the notice of the appointment of its arbitrator by the other party, then chairman of the nominated Institution shall appoint arbitrator within 14 days of the receipt of the request by the nominated institution. A certified copy of the chairman's order, making such an appointment shall be furnished to both the parties.
 - v. Arbitration proceedings shall be held at, and the language of the arbitration proceeding and that of all documents and communications between the parties shall be 'English'
 - vi. The decision of the majority of arbitrators shall be final and binding upon both parties. The expenses of the arbitrators as determined by the arbitrators shall be shared equally by the Employer and the Contractor. However, the expenses incurred by each party in connection with the preparation, presentation, etc. of its case prior to, during and after the arbitration proceedings shall be borne by each party itself.
 - vii. All arbitration awards shall be in writing and shall state the reasons for the award.
 - viii. Performance under the contract shall continue during the arbitration proceedings and payments due to the contractor by the employer shall not be withheld, unless they are subject matter of the arbitration proceedings.

26. Replacement of Conciliator

- 26.1 Should the Conciliator resign or die, or should the Employer and the Contractor agree that the conciliator is not fulfilling his functions in accordance with the provisions of the Contract, a new Conciliator will be jointly appointed by the Employer and the Contractor. In case of disagreement between the Employer and the Contractor, within 30 days the Conciliator shall be appointed by the Appointing Authorities designated in the Contract Data at the request of either party within 14 days of receipt of such request. **(Refer Clause 'A' of Section - 5)**

B. TIME CONTROL

27. Program

- 27.1 Within the time stated in the contract data the contractor shall submit to the Nodal officer or his nominee for approval a program showing the general methods arrangements, order, and timing for all the activities in the works along with monthly cash flow forecast.

- 27.2 An update of the program shall be a program showing the actual progress achieved on the timing of the progress achieved on the timing of the remaining work including any changes to the sequence of the activities.
- 27.3 The contractor shall submit to the Nodal Officer or his nominees, for approval an updated program at intervals no longer than the period stated in the contract data. If the contractor does not submit an updates program within this period, the Nodal Officer or his nominee may withhold the amount stated in the contract data from the next payment certificate ant continue to withhold this amount until the next payment after the data on which the overdue program has been submitted.
- 27.4 The nodal officer or his nominee's approval of the program shall not alter the contractor's obligations. The contractor may revise the program and submit it to the nodal officer or his nominee again at any time. A revise program is to show the effect of variations and compensation events.

28. Extension of the intended completion data.

The nodal officer or his nominee shall extend the intended completion data if a compensation event occurs or a variation is issued which makes it impossible for completion to be achieved by the intended completion data without the contractor taking steps to accelerate the remaining work and which would cause the contractor to incur additional cost.

The nodal officer or his nominee shall decide whether and by how much to extend the intended completion Data within 21 days of the contractor asking the Nodal Officer or his nominee for a decision upon the effect of a compensation event or variation and submitting full supporting information. If the contractor has failed to give early warning of a delay or has failed to cooperate in assessing the new intended completion data.

29. The Early Warning Provisions shall be as per clause 32.

30. Delays Ordered by the Nodal Officer or his nominee

- 30.1 The Nodal Officer or his nominee may instruct the contractor to the start or Progress of any activity within the works.

31. Management Meeting.

- 31.1 Either the Nodal Officer or his nominee or the contractor may require the other to attend a management meeting. The business of a management meeting shall be to review the plans for remaining work and to deal with matters raised in accordance with the early warning procedure.

- 31.2 The Nodal Officer or his nominee shall record the business of management meetings and is to provide copies of his record to those attending the meeting and to the employer. The responsibility of the parties for actions to be taken is to be decided by the Nodal Officer or his nominee either at the management meeting or after the management meeting and started in writing to all attended the meeting.

32. Early warning

- 32.1 The contractor is to warn the Nodal Officer or his nominee at the earliest opportunity of specific likely future events or circumstances that may adversely affect the quality of the work, increase the contract price or delay the execution of works. The Nodal Officer or his nominee may require the contractor to provide an estimate of the expected effect of the event or circumstances on the contract price and completion Data. The estimates are to be provided by the contractor as soon as reasonably possible.
- 32.2 The contractor shall cooperate with the Nodal Officer or his nominee in making and considering proposals for how the effect of such an event or circumstance can be avoided or reduced by anyone involved in the work and in carrying out any resulting instruction of the Nodal Officer or his nominee.
- 32.3 The Defect Liability period for the contract shall be 36 months from the certified date of completion of construction work.

C. QUALITY CONTROL

33. Identity Defects

- 33.1 The Nodal Officer or his nominee shall check the Contractor's work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractor's responsibilities. The Nodal Officer or his nominee may instruct the Contractor to search for a Defect and to uncover and test any work that the Nodal Officer or his nominee considers may have a Defect.

34. Tests

- 34.1 If the Nodal Officer or his nominee instructs the Contractor to carry out a test not specified in the specification to check whether any work has a Defect and the test shows that it does the Contractor shall pay for the test and any samples. If there is no Defect the test shall be a Compensation Event.

35. Correction of Defects

- 35.1 The Nodal Officer or his nominee shall give notice to the Contractor of any Defects before the end of the Defects Liability Period, which begins at

Completion and is defined in the Contract Data. The Defects Liability Period shall be extended for as long as Defects remain to be corrected.

- 35.2 Every time notice of a Defect is given the Contractor shall correct the notified Defect within the length of time specified by the Nodal Officer or his nominee's notice.

36. Uncorrected Defects

- 36.1 If the Contractor has not corrected a Defect within the time specified in the Nodal Officer or his nominee's notice the Nodal Officer or his nominee will assess the cost of having the Defect corrected, and the Contractor will pay this amount.

D. COST CONTROL

37. Bill of Quantities

- 37.1 The Bill of Quantities shall contain items for the construction, supply, installation, testing and commissioning work to be done by the Contractor.
- 37.2 The bill of quantities is used to calculate the Contract Price. The Contractor is paid for the quantity of the work done at the rate in the Bill of Quantities for each item.

38. Changes in the Quantities

- 38.1 If the final quantity of the work done differs from the quantity in the Bill of Quantities for the particular item by more than + 25 percent provided the change exceeds + 10% of initial Contract Price, the Nodal Officer or his nominee shall adjust the rate (S), to allow for the change.
- 38.2 The Nodal Officer or his nominee shall not adjust rates from changes in quantities if thereby the initial Contract Price is exceeded by more than 15 percent except with prior approval of the Employer.
- 38.3 If requested by the Nodal Officer or his nominee where the quoted rate (s) of any item(s) is abnormally high, the Contractor shall provide the Nodal Officer or his nominee with a detailed cost breakdown of such rate in the Bill of Quantities.

39. Variations.

- 39.1 All Variations shall be included in updated programs produced by the Contractor.

40. Payment for Variations.

- 40.1 Variation permitted shall not exceed +25% in quantity of each individual item, and +10% of the total contract price. Within 14 days of the date of instruction for

executing varied work, extra work or substitution, and before the commencement of such work, notice shall be given either (a) by the contractor to the Employer of his intention to claim the extra payment or a varied rate or price, or (b) by the Employer to the contractor of his intention to vary rate or price.

40.2 For items not existing in the Bill of Quantities or substitution to items in the Bill of Quantities, rate payable should be determined by methods given below and in the order given below:

- (i) Rates and prices in Contract, if applicable plus escalation as per contract.
- (ii) Rates and prices in the schedule of rates applicable to the contract plus/minus ruling percentage.
- (iii) Market rates of materials and labour, hire charges of plant and machinery used, plus 10% for overheads and profits of Contractors.

40.3 For items in the Bill of quantities but where quantities have increased beyond the variation limits, the rate payable for quantity in excess of the quantity in the Bill of Quantity plus the permissible variation should be:

- (i) Rates and prices in contract, if reasonable plus escalation, failing which (i) and (ii) below will apply
- (ii) Rates and prices in the schedule of Rates applicable to the contract plus/minus ruling percentage,
- (iii) Market rates of material and labor, hire charges of plant and machinery used plus 15% for overheads and profits of contractor.

40.4 If there is delay in the Employer and the contractor coming to an agreement on the rate of an extra item, rates as proposed by the employer shall be payable provisionally till such time as the rates are finally determined or till date mutually agreed.

40.5 If the Nodal officer or his nominee decides that the urgency of varying the work prevent a quotation being given and considers not delaying the work, no quotation shall be given and the variation shall be treated as a Compensation Event.

41. Cash flow forecasts

41.1 When the program is updated, the contractor is to provide the Nodal Officer or his nominee with an updated cash flow forecast.

42. Payment Certificates

- 42.1 The contractors shall submit to the Nodal Officer or his nominee monthly statements of the estimated value of the work completed less the cumulative amount certified previously.
- 42.2 The Nodal Officer or his nominee shall check the Contractors' monthly statement within 14 days and certify the amount to be paid to the Contractor after taking into account any credit or debit for the month in question in of materials for the works in the relevant amount and under conditions set forth in sub clause 51(3) of the Contract Data (Secure Advance).
- 42.3 The value of work executed shall be determined by the Nodal Officer or his nominee.
- 42.4 The value of work executed shall comprise the value of quantities of the items in the Bill of quantities completed.
- 42.5 The value of work executed shall include the valuation of variations and Compensation Events.
- 42.6 The Nodal Officer or his nominee may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.

43. Payments

- 43.1 Bills shall be prepared and submitted by the Contractor, joint measurements shall be taken continuously and need to be connected with billing stage. System of 4 copies of measurements, one each for Contractor, Employer and Nodal Officer or his nominee, and signed by both Contractor and Employer shall be followed.
- 43.2 75% of bill amount shall be paid within 14days of submission of the bill. Balance amount of the verified bill should be paid within 28 days of the submission of the bill. **(Refer Clause 'A' of Section - 5)**
- 43.3 For delay in payment beyond the periods specified in 43.2 above, interest at a pre-specified rate (suggested rate **SBI PLR + 2%**) p.a as on due date of payment) should be paid. **(Refer Clause 'A' of Section - 5)**
- 43.4 Contractor shall submit final Bill within 60 days of issue of defects liability certificate. Client's Nodal Officer or his nominee shall check the bill within 60 days after its receipt and return the bill to Contractor for corrections, if any 50% of undisputed amount shall be paid to the contractor at the stage of returning the bill. **(Refer Clause 'A' of Section - 5)**
- 43.5 The Contractor should re-submit the bill, with corrections within 30 days of its return by the Nodal Officer or his nominee. The re-submitted bill shall be

checked and paid within 60 days of its receipt. **(Refer Clause 'A' of Section - 5)**

- 43.6 Interest at a pre-specified rate (suggested rate SBI PLR+ 2% p.a. as on due date of payment) shall be paid if the bills is not paid within the time limit specified above. **(Refer Clause 'A' of Section - 5)**
- 43.7 If an amount certified is increased in later certificates as a result of an award by the Conciliator or an Arbitrator, the Contractor shall be paid interest upon the delayed payment as set out in this clause. Interest shall be calculated from the date upon which the increased amount would have been certified in the absence of dispute. **(Refer Clause 'A' of Section - 5)**
- 43.8 Items of the Works for which no rate or price has been entered in will not be paid for by the employer and shall be deemed covered by other rates and prices in the Contract.

44. Compensation Events

- 44.1 The following mutually agreed Compensation Events unless they are caused by the Contractor would be applicable. **(Refer Clause 'A' of Section - 5)**
- (a) The Employer does not give access to a part of the Site by the Site Possession Date stated in the Contract Data.
 - (b) The Employer modifies the schedule of other contractors in a way which affects the work of the contractor under the contract.
 - (c) The Nodal Officer or his nominee orders a delay or does not issue drawings, specifications or instructions required for execution of works on time.
 - (d) The Nodal Officer or his nominee instructs the Contractor to uncover to carry out additional tests work which is then found to have no Defects.
 - (e) The Nodal Officer or his nominee unreasonably does not approve for a subcontract to be let.
 - (f) Ground conditions are substantially more adverse than could reasonably have been assumed before issuance of letter of Acceptance from the information issued to Bidders (including the Site Investigation Reports), from information available publicly and form a visual inspection of the site.
 - (g) The Nodal Officer or his nominee gives an instruction for dealing with an unforeseen condition, caused by the Employer, or additional work required for safety or other reasons.
 - (h) Other contractors, public authorities, utilities or the Employer does not work within the dates and other constraints stated in the Contract that cause delay or extra cost to the Contractor.

- (i) The advance payment is delayed.
- (j) The effect on the Contractor of any of the Employer's Risks.
- (k) The Nodal Officer or his nominee unreasonably delays issuing a Certificate of Completion.
- (l) Other Compensation Events listed in the Contract Data or mentioned in the contract.

Whenever any compensation event occurs, the contractor will notify the employer, within 14 days and provide a forecast cost of the compensation event.

- 44.2 If a Compensation Event would cause additional cost or would prevent the work being completed before the intended Completion Date, the Contract Price shall be increased and/or the intended Completion Date shall be extended. The Nodal Officer or his nominee shall decide whether and by how much the Contract Price shall be increased and whether and by how much the Intended Completion Date shall be extended. **(Refer Clause 'A' of Section - 5)**
- 44.3 As soon as information demonstrating the effect of each Compensation Event upon the Contractor's forecast has been provided by Contractor, it is to be assessed by the Nodal Officer or his nominee and the Contract Price shall be adjusted accordingly. If the Contractor's forecast is deemed unreasonable the Nodal officer or his nominee shall adjust the Contract Price based on Nodal Officer or his nominee's own forecast. The Nodal Officer or his nominee will assume that the Contractor will react competently and promptly to the event. **(Refer Clause 'A' of Section - 5)**

45. Tax

- 45.1 The rates quoted by the Contractor shall be deemed to be inclusive of the sales and other taxes that the Contractor will have to pay for the performance of this Contract. The Employer will perform such duties in regard to the deduction of such taxes at sources as per applicable law. Any new Taxes, levies, duties imposed after signing the Contract shall be reimbursed by the employer on production of documentary evidence. **(Refer Clause 'A' of Section - 5)**

46. Currencies

- 46.1 All payments shall be made in Indian Rupees unless specifically mentioned.

47. Price Adjustment-Not Applicable

- 47.1 Contract price shall be adjusted for increase or decrease in rates and prices of labour, materials, fuels and lubricants in accordance with the following principles and procedures and as per formula given in the contract data. This

clause is applicable for all the civil works having tender cost more than Rs. 5 Crore and duration is more than 12 months.

The price adjustment shall apply for the work done from the start date given in the Contract data upto end of the initial intended completion date or extensions granted by the Nodal Officer or his nominee and shall not apply to the work carried beyond the stipulated time for reason attributable to the contractor.

- I. The Price adjustment for increase or decrease in the cost shall be paid in accordance with the following formula:

$$V = 0.85 \times Q \times R \times [(P - P_o)/P_o]$$

Where,

- V = Variation in price on account of Labour / Diesel / Cement / Steel / bitumen during the month under consideration.
P_o = Market rate of Diesel / Cement / Steel / bitumen on the date of opening of Technical bid. (Consumer Price Index for Labour).
P = Market rate of Diesel / Cement / Steel / bitumen during the month under consideration. (Consumer Price Index for Labour).
Q = Percentage of Labour / Diesel / Cement / Steel / bitumen component.
R = Value of work done during the month under consideration.

Note : i) Escalation to be computed for relevant items. Percentage that shall govern the escalation under Q shall be predetermined and indicated in tender document for each component i.e. Labour, Fuel, Cement, Steel, bitumen, All Commodities etc.

47.2 **NIL**

- 47.3 To the extent that full compensation for any rise or fall in costs to the contractor is not covered by the provisions of this or other clauses in the contract, the unit rates and prices included in the contract shall be deemed to include amount to cover the contingency of such other rise or fall in costs.

SUBSEQUENT LEGISLATION

If, after the date 28(Twenty eight) prior to the date for submission of tenders for the contract there occur changes to any National or Statute Stature, Ordinance or Decree or other law or any regulation or bye law of any local or other duly constituted Authority or introduction of any such statute, ordinance, decree, law, regulation or bye law which causes additional or reduced coast to the contractor in execution of the contract, such additional or reduced coast shall, after due consultation with the employer and the contractor be determined by the nodal officer or his nominee and

shall be added to or deducted from the contract price and the nodal officer or his nominee shall notify the contractor accordingly with a copy to the employer.

48. Retention

- 48.1 The employer shall retain from each payment due to the contractor the proportion stated in the contract data until completion of the whole of the works.
- 48.2 Retention money shall be deducted at 5% from each running bill, subject to a max. of 5 percent of the contract price. Retention money shall be refunded as per clause 52, Section III.

49. Liquidated damages

- 49.1 In case of delay in completion of the contract, liquidated damages (L.D) may be levied at the rate of 1/2% of the contract value per week of delay or part thereof, subject to a maximum of 10 per cent of the contract price.
- (i) The owner, if satisfied, that the works can be completed by the contractor within a reasonable time after the specified time for completion, may allow further extension of time at its discretion with or without the levy of L.D. In the event of extension of time at its discretion with L.D, the owner will be entitled without prejudice to any other right or remedy available in that behalf per cent (1/2%) of the contract value of the works for each week or part of the week subject to the ceiling defined in sub-clause 49A.
 - (ii) The owner, if not satisfied that the works can be completed by the contractor, and in the event of failure on the part of the contractor to complete work with in further extension of time allowed as aforesaid, shall be entitled, without prejudice to any other right, or remedy available in that behalf, to rescind the contract.
 - (iii) The owner, if not satisfied with the progress of the contract and in the event of failure of the contractor to recoup the delays in the mutually agreed time frame, shall be entitled to terminate the contract.
 - (iv) In the event of such termination of the contract as described in clauses 49A(ii) or 49A(iii) or both the owner shall be entitled to recover L.D. up to ten per cent (10%) of the contract value and forfeit the security deposit made by the contractor besides getting the work completed by other means at the risk and cost of the contractor.
 - (v) The ceiling of LD shall be 10% of the cost of work
 - (vi) In case part / portions of the work can be commissioned and port operates the portion for commercial purpose, the rate of LD will be

restricted to the uncompleted value of work, the maximum LD being on the entire contract value.

Note : Contract price for LD shall be tender price of Part A (Civil & Electrical Part) only plus taxes and duties (Excluding GST).

50. Incentives or Bonus (Refer Clause 'A' of Sec-5)

For early completion of the contract before the stipulated date of completion of an incentive amount at the rate of one-fourth percent (1/4% i.e. 0.25%) of the contract price per full Fortnight of early completion, subject to a maximum of five percent (05%) of the contract price may be paid to the contractor. The owner, if satisfied, that the works can be completed by the contractor within a reasonable time after the specified time for completion, may allow extension of time at its discretion, by virtue of which the contractor make himself eligible for incentive, the extension shall be considered only till the actual date of completion and no incentive shall be payable. For calculation of incentive payment, contract price shall be exclusive of tender price plus taxes and duties.

51. Advance payment (Refer Clause 'A' of Sec-5)

The Employer shall make the following advance payments:

- 51.1 Mobilization Advance shall be paid up to 10% of contract price, payable in two equal installments. The first installment shall be paid after mobilization has started and next installment shall be paid after satisfactory utilization of earlier advance.
- 51.2 Construction / installation equipment advance shall be paid upto 5% of contract price.
- 51.3 Mobilization advance and Construction equipment advance shall be paid at SBI PLR + 2% p.a. (as on date of payment) interest at the discretion of employer and against bank guarantee for such advance and against hypothecation of construction equipment to the employer. However, availing of advance payment be optional with the bidder exercising the option along with the leader.
- 51.4 Equipment advance shall be paid in two or more equal installments. First installment shall be paid after construction equipment has arrived at the site and next installment shall be paid after satisfactory utilization of earlier advances (s).
- 51.5 Recovery of Mobilization and Construction Equipment advance will start when 15% of the work is executed and recovery of total advance should be completed by the time 80 % of the original contract work is executed.

- 51.6 The Nodal Officer or his nominees shall make advance payment in respect of materials and plant brought to site for but not yet incorporated installed in the works in accordance with conditions stipulated in the Contract Date. 75% of cost of materials and plant brought to site for incorporation into the works only shall be paid as secured advance. Materials which are of perishable nature should be adequately insured.

52. Performance Securities

Security deposit shall consist of two parts; a) Performance Guarantee to be submitted at award of work, and b) Retention money to be recovered from Running Bills.

Security Deposit/ Performance guarantee shall be 10% of Contract price of which 5% of total contract price (Part A & B) should be submitted as FDR or Bank Guarantee of Nationalized/scheduled bank (except Co-operative) Banks having its branch at Gandhidham, or Digital transfer or in form of Insurance Surety Bond as per format and condition in Form – 8A in Tender Document within (21 days in case of domestic bid and within 28 days in case of global bids) of receipt of letter of acceptance and balance 5% recovered as Retention Money from Running Bills. Recovery of 5% of Retention Money to commence from the first bill onwards @ 5% of bill value from each bill. Retention Money of Part –A (Civil & Electric Part) will be refunded within 14 days from the date of payment of final bill of Part - A. Retention Money on part B (maintenance part) will be released within 14 days from the date of payment of final bill of maintenance Part.

Balance SD for Part A (Civil & Electric Part) & Part B (maintenance Part) to be refunded immediately not later than 14 days from completion of defect liability period, NOC from Geology Department.

The documentary evidence (copy of paid Challan in Govt. Treasury) of Welfare cess @1% of work done or as amended By Statutory Authority from time to time, paid on final bill shall be submitted before releasing the Performance Guarantee if applicable.

The performance guarantee submitted in form Bank Guarantee should be valid for period of 60 days beyond the date of completion of all contractual obligations of the contractor, including Defect Liability Period.

53. NIL

54. Cost of Repairs

- 54.1 Loss or damage to the works or materials to be incorporated in the works between the start date and the end of the defect's correction period shall be remedied by the Contractor at the Contractor's cost if the loss or damage arises from the Contractor's acts or omissions.

E. FINISHING THE CONTRACT.

55. Completion

- 55.1 After completion of the work, the contractor will serve a written notice Nodal Officer or his nominee/Employer to this notice shall conduct a complete joint survey of the work within 7 days and prepare a defects list jointly. The defects pointed out by the Nodal Officer or his nominee/Employer would be rectified by the contractor within 14 days and thereafter acceptance report be signed jointly by the contractor and the employer. This joint acceptance report shall be treated as "Completion Certificate".

56. Taking over

- 56.1 The employer shall take over the site and the works within seven days of the Nodal Officer or his nominee issuing a certificate of completion.

57. Final Account

- 57.1 The Contractor shall supply to the Nodal Officer or his nominee a detailed account of the total amount that the Contractor considers payable under the contract before the end of the Defects Liability period. The Nodal Officer or his nominee shall issue a defects liability certificate and certify any final payment that is due to the contractor within 60 days of receiving the contractor's account if it is correct and complete. If it is not, the Nodal Officer or his nominee shall issue within 15 days a schedule that states the scope of the corrections or additions that are necessary for the correction and certify payment of 50% of the undisputed amount to the contractor. If the final account is still unsatisfactory after it has been resubmitted the Nodal Officer or his nominee shall decide on the amount payable to the contractor and issue a payment certificate, within 60 days of receiving the contractor's revised account.

58. Operating and Maintenance Manuals

- 58.1 If "as built" Drawings and /or operating and maintenance manuals are required the contractor shall supply them by the dates stated in the Contract Data.
- 58.2 If the contractor does not supply the drawings and /or manuals by the dates stated in the contract data, or they do not receive the Nodal Officer or his nominee's approval, the Nodal Officer or his nominee shall withhold the amount stated in the contract data from payments due to the contractor.

59. Termination

- 59.1 The employer or the Contractor may terminate the contract if the other party causes a fundamental breach of the contract.

59.2 Fundamental breaches of contract include, but shall not be limited to the following :

- (a) the contractor stops work for 28 days when no stoppage of work is shown on the current program and the stoppage has not been authorized by the Nodal Officer or his nominee.
- (b) The Nodal Officer or his nominee instructs the contractor to delay the progress of the work and the instruction is not withdrawn within 28 days.
- (c) The employer or the contractor becomes bankrupt or goes into liquidation other than for a reconstruction restructure or amalgamation.
- (d) A payment certified by the Nodal Officer or his nominee is not paid by the employer to the contractor within 50 days of the date of the Nodal Officer or his nominee's certificate.
- (e) The Nodal Officer or his nominee gives Notice the failure to correct a particular defect is a fundamental breach of contract and the contractor fails to correct it within a reasonable period of time determined by the Nodal Officer or his nominee.
- (f) The contractor does not maintain a security which is required.
- (g) The contractor has delayed the completion of works by the number days for which the maximum amount of liquidated damages can be paid as defined in the contract data and
- (h) If the contractor, in the judgment of the employer has engaged in corrupt or fraudulent practices in competing for or in the executing the contract.
- (i) If the contractor has contravened clause 7 and clause 9 of condition of contract.

For the purpose of this paragraph: "corrupt practice" means the offering, giving receiving or soliciting of anything of value to influence the action or public officials in the procurement process or in contract execution. "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the employer, and includes collusive practice. Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the employer of the benefits of free and open competition".

59.3 When either party to the contract gives notice of a breach of contract to the Nodal Officer or his nominee for a cause other than those listed under sub Clause. 59.2 above, the Nodal Officer or his nominee shall decide whether the breach is fundamental or not.

59.4 Notwithstanding the above, the employer may terminate the contract for convenience subject to payment of compensation to the contractor including loss of profit on uncompleted works. Loss of profit shall be calculated on the same basis as adopted for calculation of extra/additional items.

59.5 If the contract is terminated the Contractor shall stop work immediately, make the site safe and secure and leave the site as soon as reasonably possible.

60. Payment upon Termination.

- 60.1 If the contract is terminated because of a fundamental breach of contract by the contractor, the Nodal Officer or his nominee shall issue a certificate for the value of the work done less advance payments received up to the date of the issue of the certificate, less other recoveries due in terms of the contract, less taxes due to be deducted at source as per applicable law and less the percentage to apply to the work not completed as indicated in the contract data.

Additional liquidate damage shall not apply. If the total amount due to the employer exceeds any payment due to the contractor, the difference shall be a debt payable to the employer.

- 60.2 If the contract is terminated at the employer's convenience or because of a fundamental breach of contract by the employer, the Nodal Officer or his nominee shall issue a certificate for the value of the work done, the reasonable employed solely on the works, and the contractor's costs of protecting and securing the works and loss of profit on uncompleted works less advance payments received up to the date of the certificate, less other recoveries due in terms of the contract and less taxes due to be deducted at source as per applicable law.

61. Property

- 61.1 All materials on the Site, Plant, Equipment, Temporary Works and Works for which payment has been made to the contractor by the Employer, are deemed to be the property of the Employer, if the Contract is terminated because of a Contractor's default.

62. Release from Performance.

- 62.1 If the Contract is frustrated by the outbreak of war or by other event entirely outside the control of either the Employer or the Contractor, the Nodal Officer or his nominee shall certify that Contract has been frustrated. The Contractor shall leave the Site and stop work as quickly as possible after receiving this certificate and shall be paid for all work carried out before receiving it and for any work carried out afterwards to which commitment was made.

63. NIL

F. SPECIAL CONDITIONS OF CONTRACT

1. LABOUR

The contractor shall, unless otherwise provided in the Contract, make his own arrangements for the engagement of all staff and labour, local or other, and for their payment, housing, feeding and transport.

The Contractor shall, if required by the Nodal Officer or his nominee, deliver to the Nodal Officer or his nominee a return in detail, in such form and at such intervals as the Nodal Officer or his nominee may prescribe, showing the staff and numbers of the several classes of labour from time to time employed by the

Contractor on the Site and such other information as the Nodal Officer or his nominee may require.

2. COMPLIANCE WITH LABOUR REGULATIONS:

During continuance of the contract, the Contractor and his sub-contractors shall abide at all times by all existing labour enactment and rules made there under, regulations,

Notifications and by laws of the State or Central Government or local Authority and any other labour law (including rules) regulations, bye laws that may be passed or notification that may be issued under any labour law in future either by the State or Central Government or the local Authority. Salient features of some of the major labour laws that are applicable to construction industry are given below. The Contractor shall keep the Employer indemnified in case any action is taken against the employer by competent Authority on account of contravention of any of the provisions of any Act or rules made there under, regulations or notifications including amendments. If the Employer is caused to pay or reimburse such amounts as may be necessary to cause or observe, or for non-observance of the provisions stipulated in the notifications/bye laws/Acts/Rules/regulations including amendments, if any, on the part of the Contractor the Nodal Officer or his nominee/Employer shall have the right to deduct any money due to the Contractor including his amount of performance security. The Employer/Nodal Officer or his nominee shall also have right to recover from the Contractor any sum required or estimated to be required for making good the loss or damage suffered by the Employer.

The employees of the Contractor and the Sub-Contractor in no case shall be treated as the employees of the Employer at any point of time.

SALIENT FEATURES OF SOME MAJOR LAWS APPLICABLE TO ESTABLISHMENTS ENGAGED IN BUILDING AND OTHER CONSTRUCTION WORK.

- a) Workmen Compensation Act 1923:- The act provides for compensation in case of injury by accident arising out of and during the course of employment.
- b) Payment of Gratuity Act 1972:- Gratuity is payable to an employee under the Act on satisfaction of certain conditions on separation if an employee has completed 5 years service or more on death at the rate of 15 days wages for every completed year of service. Act is applicable to all establishments employing 10 or more employees.

- c) Employees P.F and Miscellaneous Provision Act 1952:- The Act Provides for monthly contribution by the employer plus workers @ 12%/8.33%. the benefits payable under the Act are:
- (i) Pension to family pension retirement or death, as the case may be. (ii) Deposit linked insurance on the death in harness of the worker, (iii) payment of P.F accumulation on retirement/death etc.
- d) Maternity Benefit Act 1951:- The Act provides for leave and some other benefits to workmen/ employees in case of confinement or miscarriage etc.
- e) Contract Labour (Regulation & Abolition) Act 1970:- The Act provides for certain welfare measures to be provided by the Contractor to contract labour and in case the Contractor fails to provide, the same are required to be provided, by the Principal Employer by Law. The Principal Employer is required to take Certificate of Registration and the Contractor is required to take license from the designated Officer. The Act is applicable to the establishments or Contractor of Principal Employer if they employ 20 or more contract labor.
- f) Minimum Wages Act 1948:- The Employer is supposed to pay not less than the Minimum Wages fixed by appropriate Government as per provisions of the Act if the employment is a scheduled employment Construction of Buildings, Roads, Runways are scheduled employment.
- g) Payment of Wages Act 1936:- It lays down as to by what date the wages are to be paid when it will be paid and what deductions can be made from the wages of the workers.
- h) Equal Remuneration Act 1979:- The Act provides for payment of equal wages for work of equal nature to Male and Female workers and for not making discrimination against Female employees in the matters of transfers, training and promotions etc.
- i) Payment of Bonus Act 1965:- The Act is applicable to all establishments employing 20 or more employees. The Act provides for payments of annual bonus subject to a minimum of 8.33% of wages and maximum of 20% of wages to employees drawing Rs.3500/- per month or less. The bonus to be paid to employees getting Rs.2500/- per month or above upto 3500/- per month shall be worked out by taking wages as Rs.2500/- per month only. The Act does not apply to certain establishments. The newly set-up establishments are exempted for five years in certain circumstances. Some of the State Governments have reduced the employment size from 20 to 10 for the purpose of applicability of this Act.
- j) Industrial Disputes Act 1947:- The Act lays down the machinery and procedure for resolution of industrial disputes, in what situations a strike or lockout becomes illegal and what are the requirements for laying off or retrenching the employees or closing down the establishment.

- k) Industrial Employment's (Standing Orders) Act 1946:- It is applicable to all establishments employing 100 or more workmen (employment size reduced by some of the States and Central Government to 50). The provides for laying down rules governing the conditions of employment by the Employer on matters provided in the Act and get same certified by the designated Authority.
- l) Trade Unions Act 1926:- The Act lays down the procedure for registration of trade union of workmen and employers. The Trade Union registered under the Act have been certain immunities from civil and criminal liabilities.
- m) Child Labour (Prohibition & Regulation) Act 1986:- The Act prohibits employment of children below 14 years of age in certain occupations and processes and provides for regulation of employment of Children in all other occupations and processes. Employment of Child Labor is prohibited in Building and Construction Industry.
- n) Inter-State Migrant workmen's (Regulation of Employment & Conditions of Service) Act 1979:-The Act is applicable to an establishment which employs 5 or more inter-state migrant workmen through an intermediary (who has recruited workmen in one state for employment in the establishment situated in another state). The Inter-State migrant workmen, in establishment to which this Act becomes applicable, are required to be provided certain facilities such as housing, medical aid, traveling expenses from home upon the establishment and back, etc.
- o) The Building and Other Construction workers (Regulation of Employment and Conditions of Service Act 1996 and the Cess Act of 1996:- All the establishments who carry on any building or other construction work and employs 10 or more workers are covered under this Act. All such establishments are required to pay cess at the rate not exceeding 2% of the cost of construction as may be modified by the Government. The Employer of the establishment is required to provide safety measures at the Building or Construction work and other welfare measures, such as Canteens, First-Aid facilities. Ambulance, Housing accommodations for workers near the work place etc. The Employer to whom the Act applies has to obtain a registration certificate from the Registering Officer appointed by the Government.
- p) Factories Act 1948:- The Actlays down the procedure for approval at plans before setting up a factory, health and safety provisions, welfare provisions, working hours, annual earned leave and rendering information regarding accidents or dangerous occurrence to designated authorities. It is applicable to premises employing 10 persons or more with aid of power or 20 more persons without the aid of power engaged in manufacturing process.

SECTION : 4

CONTRACT DATA

CONTRACT DATA

Items marked "N/A does not apply in this contract.

(Refer Clause 'B' of Sec-5)

The following documents are also part of the contract	clause reference
The schedule of other contractors	(8)
The schedule of key personnel	(9)

The above insertions should correspond to the information provided in the invitation of bids.

The employer is
Chairman
Deendayal Port AUTHORITY.

Address: A.O. Building, P.O. Box No. 50, Gandhidham.

Employer's authorized representative is Chief Engineer Deendayal Port Authority.

The nodal officer or his nominee is Dy. Chief Engineer / Executive Engineer

Nirman Bhavan,
Kandla Pin 370-210
Dist- Kutch (Gujarat)

Nodal officer's authorized representative is AXEN / AE / J.E

The conciliator appointed jointly by the employer and contractor is : **(Refer Clause 'B' of Sec-5)**

Name: -

Address: -

The name and identification number of the contract " Construction of Rest Shelter & Toilet block at Berth No. 13 & 16."

The works consist of " Construction of Rest Shelter & Toilet block at Berth No. 13 & 16."

The start date shall be _____

The intended completion date for the whole of the work is with the following milestones :

Milestone Dates :

	Civil Work	
Milestone 1	Foundation	1st to 2nd month
Milestone 2	Plinth level	3rd month
Milestone 3	Slab Level Ground Floor	4th to 5th month
Milestone 4	Door, Window, Plaster work	6th to 8th month
Milestone 5	Canceled Electrification & Plumbing work ,Tiles work, Surrounding development and Compound wall	9th to 10th month
Mile stone-6	Furniture, Plumbing work, Electrification & Finishing	11th month

The following documents also form part of the contract

The contractor shall submit a program for the works immediately after delivery of the letter of acceptance.

The site possession dates shall be given after the award of work.

The site is located at outside Cargo jetty, New Kandla.

The defect liability period is 36 Months

The minimum insurance cover for physical property, injury and death is Rs. 10.00 Lakhs (Rs. Ten Lakhs) (Substantial amount to cover all the risks) per occurrence with the number of occurrences limited to four. After each occurrence, contractor will pay additional premium necessary to make insurance valid for four occurrences always.

The following events shall also be compensation events :

The employer terminates the contract for his convenience

The period between programme updates shall be 15 days

The amount to be withheld for late submission of an updated programme shall be Rs. 5000/-

The language of the contract documents is English

The law, which applies to the contract, is law of union of India

The currency of the contract is Indian rupees

Fees and types of reimbursable expenses to be paid to the dispute review expert

Appointing Authority for the Arbitrator is Chairman, DPA.

Escalation is Payable for contracts as per clause no. 47 of section - 3, subject to provision of special condition under section 5.

The formula(e) for adjustment of prices are:

A (I) Escalation is payable for contracts with duration more than 12 months and whose estimated cost is more than Rs.5 crores. However, only statutory variation limited to duties and taxes are considered for adjustment in contract price.

A(II) For calculating escalation, base prices should be taken as on the date of opening of the bids .

B. The contract document should specify the suitable percentage of input for labour, materials like cement , steel, bitumen, POL and other materials and equipment usage for the purposes of calculating escalation .

C. Escalation should be based on

- 2 Notified fair wages and in the absence of which consumer price index for labour Would be applicable,
- 3 Market rate for cement and steel,
- 4 Average official retail price of bitumen & POL and
- 5 Whole sale price index for other materials,
- 6 Published government documents should be used for calculation of escalation amount.

D. Escalation reimbursement should be calculated for to the extent of 85% of the escalation so calculated.

E. Beyond the contract period and during extended completion period, the variation in price will be at the frozen consumer price index/ market rates prevailing on the original schedule date of completion of work except when the delay is on port account.

R= Value of work as defined in clause 47.1 of conditions of contract.

Price Adjustment formula :- **Not Applicable**

- Price adjustment for increases or decreases in the cost shall be paid in accordance with the following formula:

$$V = 0.85 \times Q \times R \times [(P - P_o) / P_o]$$

V= Variation in price on account of labour/ diesel / cement / steel/ bitumen during the month under consideration.

P_o = market rate of diesel/cement/steel/bitumen on the date of opening of the Bids.(consumer price index for labour)

P= Market rate of diesel/cement/steel/bitumen during the month under consideration (consumer price index for labour)

Q= percentage of labour diesel/cement/steel/bitumen component.

R= Value of work during the month under consideration

Note : Escalation to be computed for relevant items. Percentage that shall govern the escalation under Q shall be predetermined and indicated in tender for each component i.e.; labour, fuel, cement, steel, bitumen, All Commodities etc.

SECTION : 5

SPECIFICATIONS AND SPECIAL CONDITIONS

Name of work : Construction of Rest Shelter & Toilet block at Berth No. 13 & 16.

Details of deviations / exclusions / alteration to Clause(s) of sections of this tender are as under :

The following clauses are not being applicable:

(a)

Section -1 :

- Clause 4.1 c, 4.1 f & 4.1 h
- Clause 4.2 j, 4.2 k
- Clause 4.3 (iv)
- Clause 4.4, 4.5
- Clause 8.2
- Clause 9.2.1, 9.2.2, 9.2.3, 9.2.4, 9.2.5, 13.4
- Clause 19.1, 19.2, 19.3,
- Clause 20.1
- Clause 22.2, 22.5
- Clause 23.2, 23.3, 23.4
- Clause 26.4
- Clause 27.1, 27.2
- Clause 35.1 & 36.1

Section - 2 :

- The clauses (c) & (d) & (g) of the SPECIMEN FOR FORM OF BID will not be Applicable;
- In Contractor's Bid advance payment & appointment of conciliator is not applicable
- In Pre-qualification of Bidders Table no 07 is not applicable

Section - 3 :

- Clause 7
- Clause 8.1
- Clause 21.1
- Clause 1.1 :
The Conciliator is the person appointed jointly by the Employer and the contractor to resolve disputes in the first instance as provided for in clauses 24 and 25. The names of the Adjudicator is defined in the Contact Data ;
- Clause 24.1, 25.1, 25.2, 25.3, 26.1

- Clause 43.2, 43.3, 43.4, 43.5, 43.6, 43.7
- Clause 44.1, 44.2, 44.3
- Clause 45.1, 47, Para (vi) of Clause 49
- Clause 50
- Clause 51

(b)

Section – 4 :

- i. Following statements of Contract Data are not applicable:
1. The following documents are also part of the contract clause
reference
 - The schedule of other contractors (8)
 - The schedule of key personnel (9)
 2. The conciliator appointed jointly by the employer and contractor is :
Name : _____
Address : _____

Section – 8 :

(c) Following forms are not applicable :

- Specimen BG for Advance Payment & stage payment.
- Form of Disputes review board agreement.
- Exceptions & Deviations,

(d) **The following Existing clauses are Modified as under :**

- **Section - 1 : Clause No. 4.1 d ;** Details of Equipment's available with the Bidder
- **Section – 1 : Clause No. 4.1 e ;** Managerial/ Manpower Available with the Bidder.
- **Section – 1 : Clause No.4.2 d ;** Major items of construction equipment available with the Bidder
- **Section – 1 : Clause No. 4.2 e ;** Qualification and experience of key management & technical personnel available with Bidder.
- **Section – 2 : Table : 5 -** The List of Equipment available with bidder.
- **Section – 2 : Table : 6 -** Qualification and experience of key personnel available with the bidder. Attach biographical data.
- **Section - 1 : Clause No. 16 B :** The EMD upto Rs. 5 lakhs be payable either by online transfer. EMD beyond Rs.5 lakhs is also payable in the form of Bank Guarantee for the entire amount from any Nationalized Bank

/ Scheduled Bank except Co-operative Bank having its branch at Gandhidham. Bank Guarantees submitted as Earnest Money shall be valid for 28 days beyond the validity of the bid. Bank Guarantee shall be verified independently by the Port with the bank before finalization of technical offer. In the event of lack of confirmation of issue of the Bank Guarantee by the Bank, the bid shall stand disqualified.

“In case of Micro and Small Enterprises (MSEs) holding valid certificate issued by any agencies/ organization under The Ministry of Micro, Small and Medium Enterprises indicating the list of activity related to the subject tender as per National Industrial Classification-2008 mentioned in the table below only shall become eligible for exemption from payment of Tender Fee/EMD. Such bidder shall upload the scanned copy of valid certificate in preliminary bid stage as well as duly filled in and signed ‘Bid Securing Declaration’ as per format provided in the tender document (Annexure II), failing which the bid shall be considered non-responsive”.

The bidder who has submitted an MSME (Micro, Small, and Medium Enterprises) certificate in absence of the EMD (Earnest Money Deposit) and security is required to submit the Bid Security Declaration Form as per the stipulated guidelines of the tender. This declaration serves as an assurance of the bidder's commitment to providing the required bid security within the specified timeframe, and it acknowledges the importance of adhering to the tender requirements. The bidder's proactive approach in promptly submitting the necessary form demonstrates their intent to participate responsibly and abide by the tender's rules, further highlighting their professionalism and dedication to the bidding process.

1. The provision in special conditions, which form a part of contract, shall have precedence over those specified in other sections in case of diversity, if any.
2. All works within the scope of this Tender must be completed within a period of 35 (Thirty-Five) months from the date of written order of the Engineer-in-charge to commence the work. After Successful completion of work (11 Months), the maintenance work part B is to be done by contractor for next two year.
3. Bidders are advised to consider the below points while submitting the offer :
 - (I) If multiple bidders submit work experience showing the same/particular work, then such experience will be considered only for Main Contractor.
 - (II) The completed works only is considered for qualification. Partly completed works or works are in progress shall not be considered for qualification.

- (III) If the work is completed successfully and contract is under maintenance period, such works are considered as a completed works for evaluation purposes.
- (IV) In case of any contract having material and labour components are controlled at different heads, in such cases the value of work indicated in work order and respective completion certificates only considered for experience.
- (V) If the tenderer have successfully completed the work (date of completion of work i.e. physically/actually completion irrespective of maintenance period) during last 7 years ending last day of month previous to the one in which applications are invited irrespective of date of commencement / start of work. Such experience of work is also considered for evaluation in work experience.
- (VI) If the tenderer has executed "Similar works" in any Contract/Project/BOT Project/Turnkey Project etc. In those particular Projects/Contracts, if the cost of Construction / Maintenance (separately or combined) of Construction of Building work successfully in that particular contract meets the requirement of MQC, such experience shall also be considered for evaluation.
- (VII) The contract is valid for 11 months, from the date of issue of work order. After Successful completion of work, Maintenance of Complete system is to be done by contractor for next two years.
- (VIII) In case of short supply of Manpower for Part-B maintenance/housekeeping work, the penalty will be imposed at double wages as per applicable CLC rates at that time for different category of Manpower.
- (IX) For Maintenance work, documentary evidence, for payment made to workers through their respective bank account, is required to be submitted monthly along with the bill.

4. Arbitration Clause

- (I) Except where otherwise provided in the contract all questions and disputes relating to the meaning of the specifications, designs, drawings and instructions here in before mentioned and as to the quality of workmanship or materials used on the work or as to any other question, claim right, matter or any other thing what so ever, in any way arising out of or relating to the contract, design, drawings, specifications, estimates, instructions, order or to the condition or otherwise concerning the work or regarding the execution or failure to execute the same whether arising during the progress of work or after the completion thereof as described here in after shall be referred to the Chairman for sole arbitration by himself or by any Officer appointed by him.

- (II) It will be no objection to any such appointment that the arbitrator is an employee of the Board or the Government, that he had to deal with the matter to which the contract relates and that in course of his duties as an employee of the Board or the Government, he had expressed views on all or any of the matters in dispute or of different. The arbitrator, who has been dealing with the arbitration case, being transferred or vacating his office or in the event of his death or being unable to act for any reason, the Chairman then holding the office shall arbitrate himself or appoint any officer to act as arbitrator.
- (III) It is also a term of the contract that no person other than the Chairman himself or any officer appointed by him shall act as arbitrator.
- (IV) It is a term of the contract that only such question and disputes as were raised during progress of work till its completion and not thereafter shall be referred to arbitration. However, this would not apply to the questions and disputes relating to liabilities of parties during the guarantee period after completion of the work.
- (V) It is a term of the contract that the party invoking arbitration shall give a list of disputes with amounts of claim in respect of each said disputes along-with the notice seeking appointment of arbitrator.
- (VI) It is also a term of contract that if the contractor does not make any demand for appointment of arbitrator in respect of any claims / disputes in writing, as aforesaid, within 120 days of receiving the intimation from the Nodal Officer or his nominee that the final bill is ready for payment, the claim of the contractor shall be deemed to have been waived and absolutely barred and the Port Authority shall be discharged and released of all liabilities under the contract in respect of these claims.
- (VII) It is also a term of the contract that the arbitrator shall adjudicate only such disputes / claims as referred to him by the appointing Authority and give separate award against each dispute/claims as referred to him. The arbitrator will be bound to give claim wise detail and speaking award and it should be supported by reasoning.
- (VIII) The award of the arbitrator shall be final, conclusive and binding on all the parties to the contract.
- (IX) The arbitrator may from time to time, with the consent of both the parties, enlarge the time for making and publishing the award.

- (X) Arbitration shall be conducted in accordance with the provision of Indian Arbitration Act, 1996 or any statutory modifications or re-enactment thereof and rules made there under and for the time being in force shall apply to the arbitration proceedings under this clause.
- (XI) It is also a terms of the contract that if any fees are payable to the arbitrator, this shall be paid equally by both the parties.
- (XII) It is also a term of the contract that the arbitration shall be deemed to have been entered on the reference on the date he issued the first notice to both the parties calling them to submit their statement of claims and counter statement of claims.
- (XIII) Venue of arbitration shall be such place as may be fixed by the arbitrator at his sole discretion.

5. Secured advances

- Secured Advances on the security of materials brought to site and to be consumed within a period of 3 months may be made to the contractors for items which are to be used on work.
- Secured advance shall be granted only for non-perishable/ non-breakable items like steel, Aluminum or steel frame works/doors/windows etc.
- The Executive Engineers can sanction the secured advance up to an amount not exceeding 75% of the value of the materials as assessed by the Engineer-in-charge considering the bill invoice, or an amount not exceeding 75% of the material element cost in the tendered rate of the finished item of work, whichever is lower.
- A formal agreement should be drawn up with the contractor under which Port Authority secures a lien on the materials and is safeguarded against losses due to the contractor postponing the execution of the work or due to shortage or misuse of the materials, and against the expense entailed for their proper watch and safe custody.
- Payment of such advances should be made only on the certificate of an officer not below the rank of Assistant Engineer that:
 - (i) The quantities of materials for which the advances are made have actually been brought to site and stacked in proper and safe custody and measured.
 - (ii) Full quantities of the materials, for which advance is to be made, are required by the contractor for use on items of work for which rates for finished work have been agreed upon.
 - (iii) The quality of materials is as per the specifications.
- Recoveries of advances so made should not be postponed until the whole of the work entrusted to the contractor is completed. They should be made

from his bills for work done as the materials are used, the necessary deductions being made whenever the items of work in which they are used are billed for.

6. Contractor has to comply with all the motor vehicle rules and regulations etc. as per government rules and DPA will not be responsible for any violation of rules.
7. The contractor is expected to have full knowledge of work, work site and nature of work and no claim what-so-ever shall be entertained in this regard.
8. The tender containing the conditions for lowering or raising the rates quoted shall be liable for rejection.
9. Income tax shall be deducted as directed by the Central Board of Direct Taxes, Ministry of Finance, Government of India.
10. The contractor shall strictly follow the instructions of Engineer-in-charge or his representative as regards to the execution of work.
11. The contractor shall be required to execute the work in such a way so as not to cause any damage, hindrance or interference to the activities and work going on in the area adjoining thereof. Any damages shall be repaired by him at his own cost. If he does not repair the damages in reasonable time period, the same will be repaired by Deendayal Port Authority at the sole risk and cost of contractor and amount will be recovered from the bill due.
12. NIL
13. The Engineer-in-charge will be entitled to deduct or adjust any sums of money payable by the contractor executed by him or on his behalf from the present contractor.
14. All the tools, plants and sundries etc. are required to be brought by the contractor for carrying out the work to the complete satisfaction of Engineer-in-charge without any extra cost.
15. The tender for the work shall remain open for acceptance for the period of **120 days** from the date of opening of the Preliminary bid.
16. The value of stamps to be affixed on agreement shall be of appropriate value prescribed for bond as per latest provision of law enforce on the date of execution, however, if the contractor furnishes G.P.F. notes, approval guarantee in respect of or part of security deposit the stamp duty chargeable for the amount shall be prescribed for agreement payable in

accordance with the latest provisions of law enforce on the date of execution of contract. All the cost of stamp duty shall be borne by the contractor.

17. Site Order Book is to be maintained by the contractor at the site of work/office work site office. The orders and instructions issued from time to time by the Engineer-in-charge or his representative and written in order book shall be deemed to have legally issued to the contractor and the contractor shall sign each entry in the order book as a token of his having received such orders and instructions. The order book shall be returned to the Engineer-in-charge in good condition after the completion of work or whenever required by the Engineer-in-charge.
18. The Bank Guarantee if submitted in lieu of Security Deposit must be from any Nationalized Bank / Scheduled Bank (Except Co-operative Banks) having its branch at Gandhidham.
19. Contractor has to arrange his own means of transportation for the work.
20. All the safety rules and health measures must be adopted by the contractor while working.
21. All the labour acts, rules and regulations enforce from time to time shall strictly be followed by the contractor. The contractor has to obtain license from the Assistant Labour Commissioner(C), Gopalpuri prior to the commencement of the work, in case he intends to engage 10 or more labour on any day during the execution of work and he has to be registered with A.L.C., Gopalpuri, if he is intending engage more than 10 labours.
22. All the entries inside Cargo Jetty area for the vehicle / man power are being mandatorily regulated through RFID. So all the vehicles / man power entering the port should have to register first on RFID portal of D.P.A. and then have to pay necessary charges towards enter inside Port through RFID tag & wallet at the applicable rate and that may vary from time to time. Labours / other man power also provided with RFID entry permit on the payment of necessary charges to authority for issuance of necessary permit / ID card. So Contractor has to consider the this aspect for payment of necessary charges towards entries of vehicles and issuance of ID cards to their employee / labour while quoting their rates in the bid. No separate claim will be entertain on this account.
23. A bill shall be submitted by the contractor each month on or before the date fixed by the engineer-in-charge for all works executed in the previous month and the engineer-in-charge shall take or cause to take the requisite measurement for the purpose of having the same verified and the claim, as far as admissible, adjusted as far as possible, before the expire of ten days from the presentation of the bill. If the contractor does not submit

the bill within the time fixed as aforesaid, the engineer-in-charge may depute within seven days the date fixed aforesaid, subordinate to measure up the said work in the presence of the contractor whose counter signature to the measurement list will be sufficient warrant and the engineer-in-charge may prepare a bill from such list.

24. Before taking measurement of any work, the engineer-in-charge or a subordinate deputed by him shall give reasonable notice to the contractor if the contractor fail to attend at the measurement after such notice or fails to countersign or to record the difference within a week from the date of measurement in the manner required by the engineer-in-charge then in any such event the measurement taken by the engineer-in-charge or by the subordinate deputed by him as the case may be shall final and binding on the contractor and the contractors, contractor shall have no right to dispute the same.
25. In the event of the contractor(s) committing a default or breach of any of the provisions of the boards contractor's labour regulations and model rules for the protection of health and sanitary arrangements for the workers as amended from time to time or furnishing any information or submitting or filling any statement under the provisions of the above regulations and rules which is materially incorrect, he/they shall without prejudice to any other liability, pay to the board a sum not exceeding Rs.200/- for every default breach or furnishing, making, submitting filling such materially incorrect statements and in the event of the contractor (s) defaulting continuously in this respect, the penalty may be enhanced to Rs. 200/- per each day of default subject to a maximum of 5 percent of the estimated cost of the work put to tender the decision of the engineer-in-charge shall be final and binding on the parties.
26. During the execution of job and during working hours at any time, contractor or his responsible representative shall be available for any instructions from the representative of the Engineer-in-charge.
27. As part of execution of awarded job, the contractor shall make appropriate arrangement for transportation of required materials/other resources from one location to other location at his cost.
28. The tenderers will not have any right to claim for employment in the department, in future on the basis of approved tender. The contractor shall employ no one connected with or in the employment of **DPA**, as a partner or employ to execute this contract work.
29. It shall be expected that for want of sufficient resources, including required type of equipments/consumables, or supervision the quality of jobs must not be adversely affected otherwise it will attract heavy penalty for full job

on the contractor, minimum amount of total qty. quoted by the contractor for each item.

30. The Engineer-in-charge may delete, increase/decrease Qty. of any number of items included in this contract without assigning any reasons and no disputes/claims on this account shall be entertained.
31. The tenderers are not expected to make any post-tender modifications. Hence the tenderers should not make any correspondence regarding the tenders after submission of the same on due date and time. No cognizance of any correspondence shall be taken and if any tender persists with the same, necessary action will be initiated against him. All the tenders received on or before the due date and time shall be opened if otherwise found in order.
32. The Contractor shall have a valid GST Registration number failing which bid will be liable to discharge.
33. The contractor shall submit the bill, monthly in triplicate for the work done during the preceding month.
34. Force Major : These will be restricted to acts of God only.

35. DEFECT LIABILITY PERIOD

- Defect liability period for the work is Three year (Thirty-Six month) from the certified date of completion of construction work consider.
- Contractor is responsible for rectify defects of relevant items carried out in work, during defect liability period and no any payment for that will be made to contractor for that, in defect liability period.
- The contractor shall be responsible to make good and remedy at his own expenses any defect which may be develop or may be noticed before the period mentioned hereunder from the certified date of completion. The Engineer in charge shall give the contractor a notice in writing above the defects and the contractor shall make good the same within 15 days of receipt of the notice. In the case of failure on the part of the contractor, the Engineer in charge may rectify or remove or re-execute the work at the risk and cost of contractor. The Engineer in charge shall entitle to appropriate the whole or any part of the amount of Balance S.D. towards the expenses if any, incurred by him in rectification, removal or re execution. The contractor shall immediately recoup the amount so spent, that any given time the Balance S.D. shall be maintained as per the relevant clause of the contract. If the contractor fails to recoup the amount of performance security deposit, then Engineer in charge shall be entitled to recovered the amount spent over the amount of performance security deposit. The defect liability period shall be Three

year (Thirty-Six month) from the certified date of completion of construction work.

- If contractor fail to attend the defect if any, within 15 days of written notice served by the Engineer in charge, during Defect liability period, the Security Deposit will be forfeited and defect will be rectified on risk and cost of contractor.

36. GST Registration should be invariably mentioned in the bid / tender, failing which the bid / tender will be treated as non-responsive and liable to be discharged.

37. GST & PAN No. may be furnished with documentary evidence along with the Tender Documents.

38. GOODS & SERVICE (GST) CLAUSE

The contractor shall quote the price exclusive of GST. The applicable GST shall be paid extra to the contractor after producing GST Invoice as per the certified Bill by the department. However, element of GST shall not consider for evaluation of bid.

"Contractor/service provider/supplier etc. has to ensure timely & proper filling of GSTR 1 so that Deendayal Port Authority can avail input tax credit in timely manner. In case DPA not allowed input credit due to failure of part of the contractor/service provider/supplier etc., it will be a financial loss to DPA & therefore same shall be recovered from the payment/deposit of the contractor/service provider/supplier.

TDS ON GST

TDS provision under GST Acts, 2017 are in force from 01.10.2018 and accordingly TDS under GST Act will be deducted @ 2 % (1% CGST and 1 % SGST or 2 % IGST) from payment / credit give to contractor/ professional and other for work order / contract exceeding Rs. 2,50,000/- .

39. Income Tax at applicable rate and surcharge as applicable on the payment to contractor will be deducted from the payment and only net amount shall be paid for as directed by the Central Board of Direct Taxes, Ministry of Finance, and Government of India. Contractor has to furnish PAN No. along with tender.

40. Tenderers are required to furnish their bank account details as per enclosed Performa in order to arrange payment through Electronics Clearing System.

41. The bidder shall give an undertaking that they have not made any payment or illegal gratification to any person / Authority connected with the bid process so as to influence the bid process and have not committed any offence under the PC act in connection with the bid.

42. The bidder shall disclose any payment made or proposed to be made to any intermediaries / agents etc. in connection with the bid.
43. Contractor shall bring all the material in good condition and in seal pack condition. No loose material shall be allowed in any case.
44. Prospective bidder(s) may raise query relating to bidding conditions, bidding process and/or rejection of its bid. The reasons for rejecting a tender or non-issuing a tender to prospective bidder will be disclosed where written enquires are made by the concerned bidder.

45. NIL

46. **SUBMISSION OF BID**

Bidders who wish to participate will have to procure/ should have legally valid Digital Certificate, as per Information Technology Act-2000, using which they can sign their electronic bids. The bidders can procure the Digital Certificate from (n) code solutions a division of GNFC Ltd, who are licensed certifying Authority by Government of India. All bids should be digitally signed. For details regarding Digital signature certificate and related matters, the below mentioned address should be contacted: (n) code Solutions, A Division of GNFC, 301 GNFC Info tower, Bodakdev, Ahmedabad. Tel. 91 79 26857316/17/18 Fax: 91 79 26857321 E-mail: nprocure@gnvfc.net Mobile: 9327084190 / 9898589652.

The accompaniments to the tender documents as described under Clause 4 shall be Scanned and submitted On-Line along with Tender documents. However, the originals/ attested hard copies shall have to be forwarded subsequently so as to reach the office of XEN (H) within 7 days of opening of the tenders.

47. **DEADLINE OF SUBMISSION OF BID**

Bids must be received by the Employer in On-Line System at website

<https://tender.nprocure.com> not later than 12:00 hrs. on _____, in the event of the specified date for the submission of bids being declared a holiday by the Employer, the Bids will be received upto the appointed time on the next working day.

The Employer may extend the deadline for submission of bids by issuing an amendment in accordance with Clause 9 of Section 1, in which case all rights and obligations of the Employer and the bidders previously subject to the original deadline will then be subject to the new deadline.

At the time of submission of the tender document, the tenderer shall give an undertaking that no changes have been made in document. The

uploaded version of the Port Tender Document will be treated as authentic tender and if any discrepancy is noticed at any stage between the Port's tender document and the one submitted by the tenderer, the conditions mentioned in the Port's uploaded document shall prevail. Besides, the tenderer shall be liable for legal action for the lapses.

48. BILLS TO BE ON PRINTED FORMS

The contractor shall submit all bill on the printed forms to be had on application at the office of the Engineer-in-charge and the charges in the bills shall always be entered at the rates specified in the tender or in the case of any extra work ordered in purpose of these conditions and not mentioned or provided for in the tender at the rates hereinafter provided for such work

49. PAYMENT OF CONTRACTOR'S BILL TO BANK

Payments due to the contractor may, if so desired by him be made to his bank instead of direct to him, provided that the contractor furnishes to the Engineer-in-charge (1) an authorisation in the form of a legally valid document such as a power of attorney conferring Authority on the bank to receive payment and (2) his own acceptance of the correctness of the account made out as being due to him by the Board or his signature on the bill or other claim, preferred against the Board before settlement by the Engineer-in-charge of the account or claim by payment to the bank, while the receipt given by such bank shall constitute a full and sufficient discharge for the payment the contractor should, wherever possible, present his bills duly receipted and discharged through his bankers. Nothing herein contained shall operate to creates in favour of the any rights of equities vis-à-vis the Board.

50. Construction of Site Offices and QA Labs

Site offices shall be constructed by the contractor to facilitate working at site and to provide necessary facilities for maintenance of site records, drawings, plans, approved samples, codes and specifications, copy of agreement and detailed estimate etc.

The necessary staff for maintaining the office records like store keeper, office assistant (2 Nos.) has to be deputed by Contractor. Contractor shall also provide all office furniture, 2 Nos. Laptops, A.C on the work place/ site office. This staff shall work under the Nodal officer/ Site Engineer of department for carrying out necessary record keeping/ office work. The

staff engaged shall have minimum qualification of Graduation with knowledge of operation of Computer.

Along with site office the QA Lab need to be established by contractor for immediate testing of materials and design mix of concrete, soil parameters etc. if required, as directed by the E-I-C. This would depend on the nature of work and should be considered in the tender for works costing more than 2 Crores, in which it would be necessary. The tests should be carried out in the presence of JE & AXEN/AEN and test checked by the E-I-C.

51. Payment of Final Bill

Final bill of all works shall be paid as per DPA's citizens' charter. In case contractor fails to submit the final bill within 2 months of completion of work, the process of final bill should be initiated by the E-I-C suo-moto to thwart the efforts of contractor to delay the preparation of final bill which in all probability may be in the minus. Similarly E-I-C should not delay recoveries for any overpayments detected/ the recoveries being disputed by the contractor on the plea that contractor has gone to Arbitration.

52. Refund of performance Guarantee

Refund of security deposit is governed by relevant clause of the contract. It shall be refunded without waiting for a formal application from contractor after the same becomes due for refund.

53. Materials arranged by the contractor

The contractor shall submit original bills for the cement, steel, asphalt etc. for verification, brought to site. In all contracts where issue of cement and steel is not stipulated, special conditions shall be incorporated as below :

Special conditions for Cement

- 1) The contractor shall procure ...(as specified in the tender)..... grade (conforming to IS ...(as specified in the tender).....) OPC cement, as required in the work, from reputed manufacturers of cement having a production capacity not less than one million tons or more per annum as approved by the Ministry of Industry, Government of India, and holding license to use ISI certification mark for their product.
- 2) The supply of cement shall be taken in 50 kg. Bags bearing manufacturer's name, date of manufacturing, batch number and ISI marking. The cement shall be brought at site in bulk supply of approximately 50 tons or as decided by the Engineer-in-charge. The cement godown of the capacity to store a minimum of 1000 bags of cement shall be constructed by the contractor at site of work for which no extra payment shall be made.

- 3) Samples of cement arranged by the contractor shall be taken by the Engineer-in-charge and got tested in accordance with provisions of relevant BIS codes. In case the test results indicate that the cement arranged by the contractor does not conform to the relevant BIS codes, the same shall stand rejected, and it shall be removed from the site by the contractor at his own cost within a week's time of written order from the Engineer-in-charge to do so. The cement shall be used on the work only after satisfactory test results have been received. The contractor shall supply free of charge the cement required for testing including its transportation cost to testing laboratories. The cost of tests shall be borne by the contractor.
- 4) Double lock provision shall be made to the door of the cement godown. The keys of one lock shall remain with the Engineer-in-Charge or his authorized representative and the keys of the other lock shall remain with the contractor. The contractor shall be responsible for the watch and ward and safety of the cement godown. The contractor shall facilitate the inspection of the cement godown by the Engineer-in-Charge at any time.
- 5) The actual issue and consumption of cement on work shall be regulated and proper accounts maintained as provided in the contract. The theoretical consumption of cement shall be worked out as per procedure prescribed in the contract and shall be governed by conditions laid therein. In case the cement consumption is less than theoretical consumption including permissible variation, recovery at the rate so prescribed shall be made. In case of excess consumption no adjustment need be made.
- 6) The damaged cement shall be removed from the site immediately by the contractor on receipt of a notice in writing from the Engineer-in-charge. If he does not do so within 3 days of receipt of such notice, the Engineer-in-charge shall get it removed at the cost of the contractor.
- 7) The cement procured by the contractor should not have aged more than 12 weeks.
- 8) The cement should be supplied in Bags. However the usage of loose cement in Silos will be allowed on prior approval of Engineer-in-charge.

Special conditions for Steel

- 1) The contractor shall procure Thermo-Mechanically Treated bars of grade Fe500D/ Fe550D grade as per tender conditions and brand shall be **TISCO/VISAG/SAIL**.
 - a) The grade of the steel such as Fe 500D/Fe 550D or other grade to be procured is to be specified as per BIS 1786-2008 or updated version after that.

- b) The TMT bars procured from primary producers shall conform to manufacture's specifications.
- c) The TMT bars procured shall conform to the specifications as laid by Tempcore, Thermex, and Evcon Turbo & Turbo Quench as the case may be.
- 2) The contractor shall have to obtain and furnish test certificates to the Engineer-in-charge in respect of all supplies of steel brought by him to the site of work.
- 3) Samples shall also be taken and got tested by the Engineer-in-Charge as per the provisions in this regard in relevant BIS codes. In case the test results indicate that the steel arranged by the contractor does not conform to the specifications as defined under para (1) above, the same shall stand rejected, and it shall be removed from the site of work by the contractor at his cost within a week's time of written orders from the Engineer-in-Charge to do so.
- 4) The steel reinforcement bars shall be stored by the contractor at site of work in such a way as to prevent their distortion and corrosion, and nothing extra shall be paid on this account. Bars of different sizes and lengths shall be stored separately to facilitate easy counting and checking.
- 5) For checking Physical properties like nominal mass, tensile strength, bend test, re-bend test etc. and Chemical properties/tests the specimens of sufficient length shall be cut from each size of the bar at random, and at frequency not less than that specified below :

Size of bar	For consignment below 100MT	For consignment above 100MT
Under 10 mm dia. bars	One sample for each 25MT or part thereof	One sample for each 40MT or part thereof
10mm to 16mm dia. bars	One sample for each 35 MT or part thereof	One sample for each 45 MT or part thereof
Over 16mm dia. bars	One sample for each 45 MT or part thereof	One sample for each 50 MT or part thereof

- 6) The contractor shall supply free of charge the steel required for testing including its transportation to testing laboratories and the testing charges shall be borne by the contractor.

- 7) The actual issue and consumption of steel on work shall be regulated and proper accounts maintained. The theoretical consumption of steel shall be worked out as per procedure prescribed in the contract. In case the consumption is less than theoretical consumption including permissible variations (+3% for cutting into pieces +/- 2% for variation in weight) recovery at the rate so prescribed shall be made. In case of excess consumption no adjustment need to be made.
54. The contractor shall submit all bills on the printed form to be had on application at the office of the engineer-in-charge and the charges in the bills shall always be entered at the rates specified in the tender or in the case of any extra work ordered in purpose of these conditions and not mentioned or provided for in the tender at the rate hereinafter provided for such work.
55. The bidder has to execute Integrity pact agreement with Deendayal Port Authority (As per Appendix enclosed). Shri Amiya Kumar Mohapatra, IFoS (Retd.) and Dr. Gopal Dhawan, Ex-CMD, MECL have been nominated as Independent External Monitor for Integrity Pact. Whose address is as under :

1	Shri Amiya Kumar Mohapatra, IFoS (Retd.) Qrs. No. 5/9, Unit -9, Bhoi Nagar Bhubaneswar-751022. Mobile No. 9437002530 Email : amiyaifs@gmail.com	2	Dr. Gopal Dhawan, Ex-CMD, MECL House No. 120, Jal Shakti Vihar (NHPC Society) p4, Building Area, Greate Noida Gautam Budh Nagar, Utter Pradesh - 201315 Mobile No. 8007771467 Email : gdhawangeologist@gmail.com
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56. Scanned copy of pre-contract Integrity Agreement (as per appendix) is to be uploaded in Preliminary bid. Original hard copy of Pre-contract Integrity Pact Agreement shall be submitted by post or hand immediately after closing date of online E-tender failing which tender shall be considered non responsive.
57. **Deleted**
58. **Deleted**
59. The contractor shall arrange to supply samples of coarse aggregate and fine aggregate etc. to the Port Laboratory for mix design for concreting works. Mixing of cement concrete works shall be on weigh batching basis as per approved design. For better Mixing of cement concrete works shall be on weigh batching basis as per approved design. The minimum cement content shall be 390 kg/m³ for M-30 grade and 420 kg/m³ for M-40 grade of controlled cement concrete.

The testing charges of concrete mix design will be borne by department.

The cubes casted at site shall be brought to Port Laboratory, Kandla for testing and test results shall conform to IS 456 (latest edition). Testing charges of the cubes for 28 days test only shall be born by the contractor. If the result is not satisfactory the concrete work will have to be dismantled and redone by the contractor at his own cost.

60. The Engineer-in-charge reserve the right to ask contractor to cast additional c.c. cubes at the different stages and works for testing, if required at 3/7 days period. No separate payment shall be made to the contractor on account of the cost of the labour and materials required for casting of the cubes required for 3/7 days testing. The testing charges for these cubes shall be borne by Department.
61. The steel plates or water-proof marine ply wood form work shall be used for the R.C.C. / C.C. works.
62. Though the drawings to be supplied will be exhaustive the decision of the Engineer-in-charge regarding any change in the drawings shall be final and binding to contractor and no dispute / claim regarding extra payment shall be allowed on account of such changes.
63. The contractor has to provide sufficient barricades with proper illumination in night and reflective sign boards to site of work so that traffic plying nearby should not damage the recently concreted work. In case of any damage on account of above, the entire responsibility will remain with contractor and nothing extra will be paid on this account.
64. The tenderer shall examine carefully the condition of contract, specifications and drawings etc. before submitting the tender. He shall also visit and inspect site of work and acquaint himself with all local condition in the cargo jetty of port, availability of construction materials and labourers nature of soil and working condition at and around the site before submitting the tender. No dispute/claims what-so-ever shall be entertained for the work of any nature arising out of local conditions.
65. The contractor shall have to carry out the work maintaining proper camber and gradient to the paving as directed by the Engineer-in-charge.
66. The stone metal 12 to 20 mm, 25 to 40mm, crush metal and sand shall be from approved quarries.

67. Side slopes of paving shall be done properly as per the direction of Engineer-in-charge.
68. All batching material such as coarse aggregates, sand etc. shall be weighed in mechanical portable weigh batches conforming to I.S.2722 as per approved mix design.
69. The strength of concrete shall be determined by compressive strength test. For this purpose, during the progress of the work cube samples shall be cast for testing at 7 days and 28 days as per the IS 456.
70. Stripping of Form work shall be done as per relevant clause in IS 456-2000. No dispute/claims shall be entertained on account of this.
71. Proper arrangement shall be made for the protection of fresh concrete work.
72. On completion of CC works, no persons shall be allowed to move on green concrete surface. As such contractor shall have to make a special arrangement for finishing the concrete in such a way so as not to disturb the green concrete.
73. Test cubes shall be cured and stored as provided in IS 516. The contractor shall send at his own cost, all the test cubes in the Port laboratory for testing. The cost of sampling, material, test cubes and testing shall be borne by the contractor for 28 days cube.
74. The forms shall be jointed neatly and shall be set with exactness to the required grade and alignment.
75. The contractor shall have to arrange the entry permit for himself and his staff, labours etc. from CISF, Deendayal Port Authority if the work is to be carried out inside cargo jetty area, at his own cost as per the rules and regulation in force at that time.
76. The form work shall be made up from water proof plywood of good quality. The rate shall include the cost of materials and labour for the operations involved such as
 - i. Splayed edges, notching allowances for over laps and passing at angles, battens, centering, shuttering, strutting, propping, bolting, nailing, wedging, easing, striking and stripping of the same.
 - ii. Filleting to form stop-chamfered edges or splayed external angles not exceeding 20 mm. width.
 - iii. Dressing with oil to prevent adhesion of concrete with shuttering.

iv. Raking or circular cutting.

77. All the form work shall be inspected by the Engineer-in-charge and their suitability ascertained the form shall be thoroughly scraped, cleaned before reusing the same.
78. If available, electric supply will be given by D.P.A., otherwise contractor has to make his own arrangement for electric supply. The charges for electric supply consumption will be borne by contractor as per prevailing rates of DPA.
79. The contractor shall have to make his own arrangement for water required for the work.
80. Individual quantity for any tender items of work may vary to any extent as required by D.P.A. for which the contractor shall not submit any dispute/claim what-so-ever, so long as the total amount of such variation does not exceed plus or minus 30 % of the Total contract value awarded.
81. Stone metal shall be hard, durable and free from excess flat elongated soft and dis-integrated particles, dirt and other objectionable materials.
82. All the rules and regulations in force for entry inside the port premises shall be observed and following by the contractor and by his employee staff etc
83. If during progress of work movement of traffic is allowed on completed surface, the contractor will have to repair the said damage caused to road surface at his own cost for which no claim shall be entertained.
84. Wherever excavated / surplus stuff is to be deposited off, ground should be properly dressed as directed by Engineer-in-charge at no extra cost.
85. The contractor shall notify in writing to the Engineer an address at Gandhidham complex for serving to the contractor any communication or any notice to be given to him under the contract and any such notice/communication to the contractor shall be deemed to be duly served if sent by registered post to, or left at such address or if delivered to the agent or representative of the contractor, or left at, the principal place of business or if contractor be a company, the registered office of the contractor or at the contractor's last known address.
86. The contractor shall have to do the chipping, chasing, hacking, cleaning etc. to provide proper bond between new work and old work, as directed and to the entire satisfaction of Engineer-in-charge without claiming any extra payment in this regard, the contractor shall consider this aspect

while quoting the rates. No claims/disputes will be entertained thereafter on this account.

87. The rubbish (obtained from demolition/dismantling/cleaning of road surface) will have to be disposed off by the contractor as directed.
88. **Deleted**
89. The contractor shall produce the sample of all the materials and shall get it approved from Engineer-in-charge before staking at his site of work.
90. Payment/measurement of all items actually incorporated in the work, as per requirement shall be made. Nothing will be paid for extra/more quantity of work done by the contractor for the purpose of his working facility etc.
91. The contractor has to clear the civil material along the roads i.e. mud, sand, soil, murrum / earth, metal, boulders etc. including their berms which are to be removed and disposed off as directed without any extra cost.
92. The contractor should ensure that the surface of road is properly cleaned and prepared in a sufficient length/lead so that the loaded dumpers are not kept waiting / standing at site unnecessarily.
93. The contractor shall have to obtain quarry permits from the office of the Geologist, Department of Geology and Mines, Bhuj-Kutch before quarrying any secondary materials like sand, earth, murrum, rubble etc.
94. All the royalties of materials, quarry fees, octroi, wharfage charges, any taxes etc. are payable by the contractor directly to the Authority concerned and the rates quoted shall be deemed to be inclusive of all such charges.
95. All royalties of materials, quarry fees, etc., payable by the contractor directly to the authorities concerned and rates tendered shall be deemed to be inclusive of all charges. Before claiming refund of Security Deposit, the contractor shall produce 'No due certificate' from the Geologist, Geology and mining department Bhuj.
96. Tenders with any condition, including conditional rebates, shall be rejected. However, tenders with unconditional rebate will be acceptable.
97. Making bench mark pillars and reference line pillars, etc., and maintaining them upto the completion of the work shall be the responsibility of the Contractor. No extra payment shall be made for these. The drawings enclosed with the tender documents to provide some idea of the job

are preliminary for tender purpose only and are by no means complete and final, and do not show the full range of the work under the scope of the contract. Work shall be carried out only on the basis of drawings marked "Released for Construction" with addition, alteration, modifications, made to aforesaid drawings from time to time and also according to other drawings that would be supplied to the Contractor from time to time.

98. Before commencement of work the Engineer and the Contractor shall jointly survey and record all ground levels on the site. The Contractor shall supply all necessary equipment and attendance for carrying out such surveys. The contractor shall prepare record drawings showing the agreed levels which shall be signed by the Engineer and the Contractor.
99. The services of fire watch for carrying out any hot works, as required by the Port Authority, shall be made free of cost by the department. However, all the necessary arrangements like obtaining a fire watch permit from the concerned Authority, transportation of man and materials, if any, for fire prevention etc. shall have to be done by the contractor at his own cost. No claim what-so-ever on account of delay in arrangements or arrival of fire watch services shall be entertained.
100. Supply of water
- [i] The contractor shall have to make his own arrangements for the water required for execution of work and for labours etc.
 - [ii] Water used for mixing and curing shall be clean and free from injurious amounts of oil, acids, alkalis, salts, sugar, organic materials or other substances that may be deleterious to concrete or steel.
 - [iii] Unfiltered potable water is generally considered suitable for mixing and curing. Mixing and curing with sea water shall not be permitted in any case.
 - [iv] Periodically samples of water shall be tested as per IS-3025 and as a guide, the following concentrations represent the maximum permissible values:
 - [a] To neutralize 200 ml sample of water using Phenolphthalein as an indicator, it should not require more than 2 ml of 0.1 normal NaOH.
 - [b] To neutralize 200 ml sample of water using Methyl Orange as an indicator, it should not require more than 10 ml. of 0.1 normal HCL.
 - [c] The permissible limits for solids shall be as follows:

	Permissible limits [max.]
Organic	200 mg/lit
Inorganic	3000 mg/lit
Sulphates [So]	500 mg/lit
Chlorides [CI]	500 mg/lit
Suspended matter	2000 mg/lit
 - [d] The PH value shall not be less than 6".

101. During the execution of works dewatering manually or by pumping is to be done by the contractor at his own cost, if found necessary and no claim on this account shall be entertained.
102. The contractor shall arrange to supply periodically samples of course aggregates, fine aggregate, water etc. to the Port Laboratory for testing as per relevant I.S. and as per MOST specifications. However all the materials shall be arranged by the contractor free of cost for testing, However no testing charges will be recovered from the contractor for testing of materials in Port Laboratory.
103. Payment of Structural steel shall be made on actual weight basis and theoretical calculation of sections whichever is less.
104. In the case of discrepancy between the schedule of quantities, the specification and / or the drawings, the following order of preference shall be observed:-
i) Description of schedule of quantities.
ii) Particular specification and special condition, if any.
iii) Drawings.
iv) C.P.W.D. specifications.
v) Indian standard specifications of B.I.S.
105. The paint shall be of first quality and shall be of Asian, Nerolac, Burger, Shalimar or equivalent make.
106. While evaluating the tender, due regard will be paid to national defence.
107. All materials like cement, steel, Asphalt etc so produced by the contractor shall be tested for quality, as per relevant Indian Standards and frequencies of testing shall also be as per relevant Indian Standards.
108. Operation and Maintenance of Complete System
- The Maintenance period of 24 month will commence only after issuance of work completion i.e. with 11 Month.
 - Contractor is responsible to supply required quantity of materials for maintenance item specified in Part-B of maintenance of work.
 - Contractor has to engage required minimum 3 nos. manzdoor/Sweeper for cleaning and sweeping purpose during one shift.
 - Contractor has to engage one Supervisor for maintenance purpose during one shift.
 - Any machinery such as JCB, Fork Lift, Hydra etc if required for maintenance purpose is to be arrange by the Contractor

at his own cost.

- Spares required for the maintenance purpose if required during maintenance period is to be arranged by the Contractor at his own cost.
- In case of short supply of Manpower for Part-B Maintenance/Housekeeping work, the penalty will be imposed at double wages as per applicable CLC rates at that time for different category of Manpower.
- For Maintenance work, documentary evidence, for payment made to workers as per rate mentioned in CLC website through their respective bank account, is required to be submitted monthly along with the bill.

109. Special Conditions for Environmental Protection

- i. The contractor(s) shall strictly follow up the environmental rules as per the Environmental (Protection) Act 1986 while execution of the work and as directed by Engineer-In-Charge.
- ii. All construction materials i.e. Cement, Aggregates, sand & fill materials which are to be used in construction work shall be covered with Tarpaulin or other fabric materials as directed by Engineer-in-charge.
- iii. The Contractor(s) should stack and dispose the waste materials in such a manner which does not destroy the environment.
- iv. The contractor(s) shall sprinkle the water to minimize the dust emission.
- v. Machine mixers, vibrators, batching plant, diesel generator sets and other vehicles engines shall not be left running when not in use.
- vi. Emission of NO₂ and SO₂ shall be maintained within the work site area as per the International Regulations.
- vii. To prevent and minimize vibration and noise levels from machineries / vehicles during construction activities the contractor(s) shall take the remedial action to minimize noise pollution.
- viii. Provide adequate silencers attached with all vehicles and machines.
- ix. Install suitable mufflers on engine exhaust and compressor component.
- x. The diesel generators set shall be used of noise less.
- xi. The contractor(s) shall stack / store the construction materials at adequate distance from coastal area.
- xii. The contractor(s) shall provide the barrier to prevent the construction materials from mixing up with surface / ground water.
- xiii. The contractor(s) should discharge Waste generated during construction work as per CPCB / GPCB regulations.

110. **Deleted**

111. During execution of work, if any hindrance underneath/at ground level observed / encountered is to be removed manually or mechanically. So bidder has to visit the proposed site and acquaint himself completely and also bidder has to consider the same before submitting the offer.
112. DPA may appoint Third Party Inspection Agency. Contractor has to obey the instructions given by TPI during execution of the work including necessary testing / inspection etc. This work may also be inspect by any Government / Vigilance Department and they may order for certain testing / inspection of executed work etc. Contractor has to assist to them and also bear the expenses for such testing and results. The test results/observations are binding on the contractor. Such incidental costs are included in the quoted bid.
113. On award of the contract, the contractor to whom the contract has been awarded has to provide at least 10 (Ten) bonded copies of Agreement including the Technical bid, Price bid and the correspondence exchange between the parties till the award of the work. One full set including indexing, insertion of page nos. certification with index will be provided by the Department. The cost of above ten sets is to be borne by the contractor.
114. The area under development /execution is operational area and with very high traffic volume. So unnecessary hard core barricading all around the area considered will be done prior to stating any activity on site. Complete site area is barricaded by way of necessary iron barriers, display sign boards, red lights to restrict entry on night and strong barriers are provided to reduce chance of any accident.
115. The contractor has to upload the necessary documents for qualification criteria such as, turnover, similar work experience certificates etc. and hard copies of the same shall be submitted to the office with 07 days. The hard copies of the documents other than uploaded documents for qualification criteria i.e. turnover certificate and similar work experience certificates will not be accepted.
116. The Contractor shall be registered under the Building and other contraction work (Regulation of employment and condition of services) Act 1996.
117. The Documentary evidence (copy of paid Challan in Govt. Treasury) of Welfare Cess @ 1% of work done or as amended By Statutory Authority from time to time, paid on final bill shall be submitted before releasing the Performance Guarantee.
118. The payment from 2nd bill to the pre final bill, shall be released , subject to the condition that the documentary evidence (copy of paid Challan in Govt. Treasury) of the Welfare Cess @ 1% of work done or as amended by

Statutory Authority from time to time, paid to concerned Authority is submitted for the previous bill

119. The rate quoted by Contractor shall be realistic. During the evaluation of tenders, if rates quoted by the Contractor are found un-realistic, the tender shall be considered non-responsive & Engineer-in-charge reserves the right to cancel. No any correspondence shall be entertained in this regard.
120. The payment to the workers deployed by the Contractor should be paid through their respective accounts only. The Contractor has to submit the bills along with documentary proof for payments made to the labourers through the bank.

121. Integrity Pact :

The Integrity Pact duly signed by Authorized person(s) with one witness need to be submitted by the bidder along-with the EMD and tender free in preliminary bid as per the format provided in tender document.

Bidders are required to sign the integrity pact (as per given below with the tender document), failing which their bid shall be liable for rejection. The “Principal” means “Deendayal Port Authority” and “Counter Party” means “Bidder”. If a Counter party commits a violation of its Commitments and Obligations under the Integrity Pact Program during bidding process, their entire Earnest Money Deposit, would be forfeited and in addition, they may be blacklisted from the DPA business in future.

In case of violation of the Integrity Pact by Counter party after award of the Contract, DPA shall be entitled to terminate the contract. DPA would forfeit the Security Deposits; encase the Bank Guarantee(s) and other payments to counter party in such cases.

The procedure mentioned above regarding signing of Integrity Pact Agreement by both the parties (Employer and Potential Bidder) shall be completed online. However, in case of any technical glitch due to which if any potential bidder is unable to upload the IP Agreement, then he/she shall submit the hard copy duly filled, signed IP Agreement to the XEN (H), Nirman Building, New Kandla within a period of 07 (Seven) days and prior to opening of technical bid, failing which bid of potential bidder shall be treated as disqualified.

Contractor

**Executive Engineer (H)
Deendayal Port Authority**

LIST OF APPROVED MAKE

1	CEMENT OPC / PPC	AMBUJA, ULTRATECH, BIRLA PLUS, SANGHI, JK LAXMI , JK
2	THERMO-MECHANICALLY TREATED BARS OF GRADE FE-500D OR MORE.	TATA, SAIL, RINL(VIZAG), JSW
3	CONSTRUCTION CHEMICALS	SIKA, FOSROC, PIDILITE,
4	PAINT, PRIMER, PUTTY	ASIA, BERGER, BIRLA, ICI.
5	SANITARY WARES	HINDUSTAN, CERA, DURAVIT,, AMERICAN STANDERED, KOHLER, TOTO, PARRYWARE-ROCA
6	CP FIXTURES AND ACCESSORIES	JAQUAR, HANS GROHE, GROHE, ESS-ESS,PARRYWARE-ROCA, AMERICAN STANDERED, KOHLER, ESCO
7	CPVC PIPE & FITTINGS	FINOLAX, SUPREME, PRINCE, ASTRAL
8	vittrified floor tiles	Nitco, Vermora, Restile, Simpolo, RESTILE, KAJARIA
9	CERAMIC tiles, GLAZED TILES	Nitco, Vermora, Restile, Simpolo, KAJARIA
10	HARDWARE	KITCH, DUNEX, EPPW, EBCO, PALLADIUM, DORMA
11	DOOR CLOSER	EFFICIENT GADGET, GODREJ, YALE, DORMA
12	UPVC WINDOW, DOOR, VENTILATOR	FENESTA, DEHAU, ALLUPLAST, KOMMERLING, DENIQUE
13	ALLUMINIUM SECTION	JINDAL, INDAL

SPECIAL CONDITIONS FOR ELECTRICAL PART

- 1.** In the event of dimension figures upon a drawing differing from those obtained by measuring drawings shall be referred to the Chief Mechanical Engineer, whose decision shall be final and binding upon the Contractor.
- 2.** The Contractor shall submit the coloured three sets Hard copy of approved drawing of cable routes, circuit diagram of LT installation layout, plans of wiring with technical literature and soft copy and also three sets of as made drawing on completion of work along with tracing.
- 3.** While carrying out the work of electrical nature, the Contractor shall adhere to the provisions of the Indian Electricity Rules, 1956 and as amended from time to time and shall not violate any Regulations, which he will be solely responsible.
- 4.** While crossing the rail/road, damaged caused to it should be set right by Tenderers to the Satisfaction of the Executive Engineer (P), Deendayal Port Authority. Before laying the new cables at existing route through Road/ rail / jetty, contractor shall take written permission from Engineering –In-Charge, in this regard contractor shall make earmarked drawing in two set, which will clear indicated the whereas cable will pass and take permission from TD Division. After completion of new cable, laying work contractor shall take NOC from Harbour Division regarding satisfactory completion of Road/Rail/RCC crossing work at inside cargo jetty area & copy of NOC same should be submitted to Executive Engineer (Electrical).
- 5.** The work shall be programmed in such a way that the electric supply to the existing installations is not disturbed to the extent possible keeping in view of the work of cutting existing cables, making straight joints and terminating cable ends in the feeder pillar, switchgear etc. shall be carried out within the shortest possible shut down periods to instruction.
- 6.** Armouring of the PVC-A-PVC / XLPE armoured cables shall be effectively earthed at the termination glands and connecting to the nearest earth point. The tail end shall be taped with PVC adhesive tape appropriate colour.
- 7.** The cable to be supplied by the Contractor shall be in standard drum length and straight joint shall be avoided as far as possible. In case same cannot be avoided

the Contractor shall supply the requisite number of straight joints complete with jointing materials and accessories shall carry out the jointing work at their cost.

- 8.** Necessary marking and lettering giving details of the circuits, cables etc. shall be carried out on the pedestal and LT panels as per the directions given.
- 9.** All the supporting framework of the DB/LLP and other equipment shall be painted with two coats of primer and two coats of finishing paints of grey shade no 631 of IS: 5 after proper surface Cleaning, de-greasing, chemical cleaning as per the recommendation of the manufacturer.
- 10.** Caution board vitreous enamelled written in three languages, one being the regional language, shall be fixed or displayed to indicate danger and supply pressure according to the Indian Electricity Rules 1956 wherever the supply is at 440 Volts and above.
- 11.** Necessary cable route indicators and cable joint indicators shall provide at an interval of 100 Meters approximately.
- 12.** The Contractor has to provide the materials and equipments of following make as per the approved list attached.
- 13.** The contractor shall study the local working conditions at the site of work before tendering and no claim what-so-ever shall be entertained.
- 14.** The work shall be carried out in accordance with the best standards of workmanship and to the entire satisfaction of the Engineer-in-Charge.
- 15.** The electrical installation shall conform to all currently applicable ISI specification such as IS: 732, IS: 3043, IS: 2309, IS: 3045 etc. with up to date amendments including relevant IEC regulation and Indian Electricity rules 1956 with up to date amendment.
- 16.** Necessary earthing of wiring, Load Panel, etc. set will be carried as per the IE rule & Act.
- 17.** For laying the new supplied cable, contractor shall take route approval in drawing from EIC same will be send to Civil Department for permission through proper channel for Civil Item like Road/Rail/RCC Crossing,

- 18.** For High Mast, Foundation work shall be carried out under supervision of Civil Engineering Department. Necessary Drawing & Material for foundation shall be approved from civil Engineering Department.
- 19.** The Tenderers shall quote the rate for cable lying, which shall include the, cable tagging, dressing, end termination, appropriate size of glands & ferrule work as per requirement etc.
- 20.** All wiring, shall be concealed/Surface as per specification & LED fittings will be surface mounted Bulk Head, hence at the time of CIVIL work , firm shall be planed accordingly & continues touch with EIC, For concealed wiring / Points/ sub Ckt. /location of LED fitting, LPP/Meter/DB, otherwise firm shall be responsible for any untoward situation & no claim what-so-ever shall be entertained
- 21.** Queries about the Technical Data
The Engineer-in-Charge will clarify queries on the Technical Data.
- 22.** Instructions
The contractor shall carry out all instructions of the engineer or his nominee which comply with applicable laws where the site is located
- 23.** Safety
The Contractor shall be responsible for the safety of all activities on the Site.
- 24.** Quality Control
Identification of Defects
The Engineer-in-Charge or his nominee shall check the work carried out by Contractor and notify the Defects found if any. The Engineer-in-Charge or his nominee may instruct the Contractor to rectify the Defect.
- 25.** Employer's right of Rejection:
The employer shall reserve the right to reject a part portion or consignment thereof within a reasonable time after actual delivery thereof at the place of destination, if consignment is not in all respects in conformity with terms & conditions of the contract whether on account of any loss, deterioration or damage before dispatch or delivery or during transit or otherwise whatsoever.
- 26.** Removal of Rejected goods:
Rejected goods shall under all circumstances lay at the risk of the contractor from the moment of rejection and if such goods are not removed by the contractor within 21 days from the date of intimation from the Engineer-in-Charge. Engineer-in-Charge may either return to the contractor at the risk and cost of the contractor by such mode of transport as the Engineer-in-Charge may select or dispose off such material at the contractor's risk on his account and retain such portion of the

sale proceeds as may be necessary to recover any expenses incurred in such disposals.

27. Deviations:

The bidder must read the tender document carefully and prepare the bid for submission. It is important to note that deviations, if any, must be brought out clearly in the technical offer, which shall be examined by DEENDAYAL PORT AUTHORITY. If the deviation statement submitted by the bidder does not contain any item, then it shall be construed that the bidder has accepted the same and no request from the Contractor, for any change, shall be accepted by DPA at a later stage. In any case, no change in specifications given in the tender agreement shall be permitted. However, only in unavoidable circumstances, DEENDAYAL PORT AUTHORITY may consider such requests from the Contractor, provided the Contractor submits its request with adequate justification.

28. Approvals:

The Executive Engineer (E) shall give specific approval in writing within 7 Days to Contractor after written submission regarding Makes of Material to be used for the Contract and Drawings, if any to be furnished by the Contractor to Executive Engineer (E) for approval. Any corrections to be suggested by Executive Engineer (E) in drawings, the days taken for rectification in drawings shall be in account of the Contractor.

29. Engagement of Labour:

The contractor shall, unless otherwise provided in the Contract, make his own arrangements for the engagement of all staff and labour, local or other, and for their payment, housing, feeding and transport.

30. Registers to be maintained at site.

1. Site order Book:

A site order book is to be maintained by the contractor at the site. The work orders and instructions written in the site order book shall be deemed to have been legally issued to the contractor shall sign each entry in the site order book as a token of his having seen the same. The site order book shall be property of the Board and shall be handed over to the Engineer- in-charge of the work in good condition on the completion of the work or whenever required by the Engineer-in-charge or his authorized representative.

2. Hindrance Register:

Every type of hindrance arising during the execution of work should be invariably recorded in the hindrance register. The Hindrance Register is to be

maintained by the Engineer In Charge at the site. The contractor shall sign each entry in the hindrance Register as a token of his having seen the same. The Hindrance Register shall be property of the Board.

31. Indian Dock Safety Regulations:

Necessary Indian Dock Safety Regulations for the safety purpose shall be adhered to by the contractor and he will be held responsible for any violation of the same.

32. Labour License:

The contractor will have to obtain License from Assistant Labour Commissioner (ALC), Gopalpuri, Gandhidham (Kutch), in case he is engaging ten or more workers on any day during execution of work.

33. Payments Terms for Electrical Part:

All payments shall be made in Indian rupees unless specifically mentioned.

- (i) 70% payment will be released after receipt of material at site in good condition, after obtaining insurance cover as per tender condition and after inspection & acceptance of material by TPI & DPA.
- (ii) 20% of item rate after completion of erection, installation, testing and commissioning & TPI Inspection etc. and 90% of item rate for item covers only laying/fixing etc after completion of erection, installation, testing and commissioning & TPI Inspection.
- (iii) 10% will be released after successful completion of whole work and handing over to DPT.

34. Valid Electrical Contractor license: The contractor / Sub Contractor shall have valid electrical contractor's license issued by their respective state for carrying out electrical work of nature involved in this tender. The contractor shall also have a valid Electrical Supervisor's certificate of competency, issued from the Commissioner of Electricity, Energy & Petrochemical Department, (Inspection wing), Block No.18, 6th floor, Sector No. II, Udyog Bhavan, Gandhinagar, Government of Gujarat or equivalent authority from the other states/centralGovt.

35. Guarantee:

35.1 Deleted

35.2 The Contractor shall give guarantee to the Board that the goods and services under this contract will comply strictly with the contract, shall be first class in every particular case and, shall be free from defects. The Contractor shall further give guarantee to the Board that all materials, equipment and the supplies furnished by him will be new and fit for their intended purposes.

35.3 The Board shall promptly notify the Contractor in writing of any claim arising under this guarantee. Upon receipt of such notice, the Contractor shall promptly repair or replace the defective goods and/or services at no cost to the Board. If the Contractor, having been notified, fails to rectify the defects in accordance with the contract, the Board may proceed to take such remedial action as may be necessary, at the Contractor's risk and cost.

36. Insurance:

36.1 The contract shall provide in the joint names of the employer and the contractor, insurance cover from the start date to the end of guarantee period for the following events which are due to the contractor risk:

- a) Loss of or damage to the works, plan and materials
- b) Loss of or damage to equipment
- c) Loss of or damage of property (except the works, plant, materials and equipment) in connection with contract, and
- d) Personal injury or death

36.2 All the materials shall stand insured from the time of arrival at site till commencement of erection against fire, pilferage, damage and against natural calamities for the value of 90 of each item.

36.3 During erection and till the work is completed and satisfactory taken over by the DPA after testing the materials shall stand covered by suitable erection insurance also for the value of 110% of the item. The charges for the insurance shall be borne by the Contractor.

37. The contractor shall not deposit any materials at such a place that may cause inconvenience to the public or staff or nearby offices.

38. The Contractor shall execute the work in such a way that not to cause inconvenience to the public or staff or nearby offices and not to cause hindrance to traffic. Necessary barricading shall be done by the contractor at his own cost if required.

39. For the purpose of measurements, the method prescribed in standard code of measurements of the concern work shall be applicable.

40. All tools, plants, scaffolding ladder etc. and other machinery etc. required temporary for the purpose of execution of work will have to be arranged by the contractor at his own cost and storing of such tools, plants etc. will have to be made by him.

- 41.** All the rules and regulations governing DPA will be applicable.
- 42.** After completion of the work, the site should be neatly cleaned by the contractor.
- 43.** The contractor shall ensure not to cause any damages to the port properties in the vicinity of work site during execution of work. If any damage occurs due to workmen/ machinery of the contractor, the contractor has to make good the loss / damage at his cost.
- 44.** All the work shall be carried out to the entire satisfaction of Engineer in Charge.
- 45.** The performance Guarantee as Security Deposit will be refunded immediately not later than 14 days from completion of Defect Liability Period.

Signature & Seal of Contractor

**Executive Engineer (H)
Deendayal Port Authority**

SECTION : 6

DRAWING

SECTION : 7

BILL OF QUANTITIES

SECTION : 8

FORMS OF SECURITIES AND OTHER FORMATS

Acceptable forms of securities are annexed. Bidders should not complete the performance and advance payment security forms at this time. Only the successful bidder will be required to provide performance and advance payment securities in accordance with one of the forms, or in a similar form acceptable to the employer.

FORM-8 A
FORMAT FOR INSURANCE SURETY BOND FOR PERFORMANCE
GUARANTEE

(To be execute on Non-Judicial Stamp paper of Rs. 500)

Insurance Surety Bond No.

Date :

(Name of the Contract)

To :

**The Board of Authorities of the Port of Kandla,
Deendayal Port Authority,
A.O. Building,
P.O. Box No. 50.
Gandhidham – Kutch**

Dear Sirs,

In consideration of the Board of Deendayal Port Authority of the Port of DEENDAYAL PORT AUTHORITY (hereinafter called " The Board" which expression shall unless excluded by or repugnant to the context or meaning thereof be deemed to include the Board of Deendayal Port Authority of the Port of [DEENDAYAL PORT AUTHORITY], its successors and assigns) having awarded to M/s [Contractor's Name] with its Registered/Head Office at (hereinafter referred to as the 'Contractor', which expression shall unless repugnant to the context or meaning thereof, include its successors administrators, executors and assigns), a Contract by issue of Employer's Letter of Acceptance No. dated .and the same having been acknowledged by the Contractor, for [Contract sum in figures and words] for [Name of the work] and the Contractor having agreed to provide a Contract Performance Guarantee for the faithful performance of the entire Contract equivalent to.....(*)....of the said value of the aforesaid work under the Contract to the Employer.

We..... [Name & Address of the Insurance Company]..... having its Head Office at (hereinafter referred to as the 'Surety', which expression shall, unless repugnant to the context of meaning thereof, include its successors, administrators, executors and assigns) do hereby guarantee and undertake to pay the Employer, on demand any and all monies payable by the Contractor to the extent of (*) as aforesaid at any time upto..... (@).....[days/month/year] without any demur, reservation, contest, recourse or protest and/or without any reference to the Contractor. Any such demand made by the Employer on the Insurance Company shall be conclusive and binding notwithstanding any difference between the Employer and the Contractor or any dispute pending before any Court, Tribunal, Arbitrator or any other authority. The Surety

undertakes not to revoke this guarantee during its currency without previous consent of the Employer and further agrees that the guarantees herein contained shall continue to be enforceable till the Employer discharges this guarantee or til. (days/month/year] whichever is earlier.

The Employer shall have the fullest liberty, without affecting in any way the liability of the Insurance company under this guarantee, from time to time to extend the time for performance of the Contract by the Contractor. The Employer shall have the fullest liberty, without affecting this guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which they might have against Contractor, and to exercise the same at any time in any manner, and either to enforce or to forbear to enforce any covenants, contained or implied, in the Contract between the Employer and the Contractor or any other course or remedy or security available to the Employer. The Insurance company shall not be released of its obligations under these presents by any exercise by the Employer of its liberty with reference to the matters aforesaid or any of them or by reason of any other act or forbearance or other acts of omission or commission on the part of the Employer or any other indulgence shown by the Employer or by any other matter or thing whatsoever which under law would, but for this provision have the effect of relieving the Insurance Company.

The Surety declares that this Insurance Surety Bond is issued by the (name of Insurance Company) as per applicable rules and regulations of insurance regulatory development authority of India (IRDAI), and also agrees that the Employer at its option shall be entitled to enforce this Guarantee against the Insurance Company as a principal debtor, in the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee the Employer may have in relation to the Contractor's liabilities.

- i) Our liability under this Insurance Surety Bond shall not exceed(*).....
- ii) This Insurance Surety Bond shall be valid up to(+).....
- iii) We are liable to pay the guaranteed amount or any part thereof under this Insurance Surety Bond only and only if Employer serve upon Insurance Company a written claim or demand on or before @.....

Dated thisday of 20..... at

WITNESS

Signed for and on behalf of the Insurance Company

1.
(Signature)

.....
(Signature)

.....
(Name)

.....
(Name)

Notes :

1. (*) This sum shall be **Five percent (5%)** of the accepted tender value denominated in the types and proportions of currencies.

(@) The Performance Guarantee should be valid for a period of 60 days beyond the date of completion of all contractual obligation of the contractor, including Defect Liability Period.

(+) This date will be the date of issue of defect liability Certificate (if applicable).

2. Insurance Surety Bond should be executed on appropriate stamp paper of requisite value, such stamp paper should be purchased in the name of Issuing Insurance Company, not more than six (6) months prior to execution / issuance of Insurance Surety Bond. The name of the purchaser should appear at the back side of stamp paper in the Vendors Stamp. Insurance Surety Bond should contain rubber stamp of the authorized signatory of the Insurance Company indicating the name, designation and signature/ power of attorney number as well as telephone numbers / e-Mail Id with full correspondence address of the Insurance Company.

In case the same is issued by an International Insurance Company (it should be registered under Insurance Act 1938 or as amended from time to time and approved by the Insurance Regulatory Development Authority of India (IRDAI)), the law prevalent in the country of execution shall prevail for the purpose of Stamp Duty on the Insurance Surety Bond. However, in such a case, the Insurance Surety Bond shall be got confirmed through any Indian Scheduled/Nationalized Insurance Company.

3. Insurance Surety Bond is required to be submitted directly to the Employer by the issuing Insurance Company (on behalf of Contractor) under registered post (A.D.). The Contractor can submit an advance copy of Insurance Surety Bond to the Engineer.
4. The issuing Insurance Company shall write the name of Insurance Company's controlling branch/ Head Office along with contact details like telephone no., e-Mail Id and full correspondence address in order to get the confirmation of Insurance Surety Bond from that branch/ Head office, if so required.

**SPECIMEN BANK GUARANTEE PERFORMANCE
GUARANTEE/ SECURITY DEPOSIT**

(To be executed on Rs.500/- non-judicial Stamp Paper)

[The bank, as requested by the successful Tenderer, shall fill in this form in accordance with the instruction indicated]

In consideration of the Board of Deendayal Port Authority incorporated by the Major Port Authorities Act , 2021 (hereinafter called "The Board" which expression shall unless excluded by or repugnant to the context or meaning thereof be deemed to include the Board of Deendayal Port Authority, its successors and assigns) having agreed to exempt _____ (hereinafter called the "contractor")

(Name of the contractor/s)

from the demand under the terms and condition of the contract, vide from the demand under the condition of the contract, vide _____'s letter No _____

(Name of the Department)

Date _____ made between the contractors and the Board for execution of _____ covered under _____ Tender No. _____ dated _____ (hereinafter called "the said contract") for the payment of Security Deposit in cash or Lodgment of Government Promissory Loan Notes for the due fulfillment by the said contractors of the terms and condition of the said contract, on production of a bank Guarantee for Rs. _____ (Rupees _____) only we, the _____ (Name of the Bank and Address) _____ (hereinafter referred to as "the Bank") at the request of the contractors do hereby undertake to pay to the Board an amount not exceeding Rs. _____ (Rupees _____) only against any loss or damage caused to or suffered by the Board by reason of any breach by the contractors of any of the terms and conditions of the said contract.

2. We, _____, do hereby

(Name of Bank)

(Name of Branch)

Undertake to pay the amount due and payable under this guarantee without any demur merely on a demand from the Board stating that the amount claimed is due by way of loss or damage caused to or which would be caused to or suffered by the Board by reason of the contractors failure to perform the said contract. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank

under this Guarantee. However, our liability under this guarantee shall be restricted to any amount not exceeding Rs. _____ (Rupees _____) only.

3. We, _____, undertake to pay to the

(Name of Bank and Branch)

Board any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any Court or Tribunal relating thereto our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Contractor(s) shall have no claim against us for making such payment.

4. We, _____ further agree with the Board that the
(Name of Bank and Branch)

guarantee herein contained shall remain in full force and effect during the period that would be taken for performance of the said contract and that it shall continue to be enforceable till all the dues of the Board under or by virtue of the said contract have been fully paid and its claims satisfied or discharged or till the

(Name of the user department)

of the said certifies that the terms and conditions of the said contract have been fully and properly carried out by the said Contractors and accordingly discharge this guarantee. PROVIDED HOWEVER that the Bank shall be the request of the Board but at the cost of the Contractors, renew or extend this guarantee for such further period or periods as the Board may require from time to time.

5. We, _____ further agree with the Board that the (Name of Bank and Branch)

Board shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said contract or to extend the time of performance by the said contract or to extend the time of performance by the said Contractors from time to time or to postpone for any time or from time to time any of the powers exercisable by the board against the said Contractors and to forebear or enforce any of the terms and conditions relating to the said contract and we shall not be relieved from our liability by reason of any such variation or extensions being granted to the contractors or for any forbearance, act or omission on the part of the Board or any indulgence shown by the board to the Contractors or by any such matter or thing whatsoever which under

the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).
7. It is also hereby agreed that the Courts in Gandhidham would have exclusive jurisdiction in respect of claims, if any, under this Guarantee.

8. We, _____ Bank lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Board in writing.

9. Notwithstanding anything contained herein:

(a) Our liability under this Bank Guarantee shall not exceed Rs. _____ (Rupees _____ only);

(b) This Bank Guarantee shall be valid upto _____ ; and

(c) We are liable to pay the guarantee amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before _____ (date of expiry of Guarantee).”

Date _____ day of _____ 20

For (Name of Bank)

(Name)

Signature

**SPECIMEN BANK GUARANTEE FOR ADVANCE PAYMENT / STAGE PAYMENT
(NOT APPLICABLE)**

(To be executed on Rs. 300/- non-judicial Stamp Paper)

{As per CVC guideline BGs for advance shall be taken in equal numbers that of accepted number of installments and BG shall be valid for period of successive date of recoveries}

[The bank, as requested by the successful Tenderer, shall fill in this form in accordance with the instruction indicated]

In consideration of the Board of Deendayal Port Authority [insert name of port] incorporated by the Major Port Authorities Act , 2021 (hereinafter called "The Board" which expression shall unless excluded by or repugnant to the context or meaning thereof be deemed to include the Board of Deendayal Port Authority [insert name of port], its successors and assigns) having agreed to release stage payment to _____ (hereinafter called the "contractor")

(Name of the contractor/s)

under the terms and condition of the contract, vide from the demand under the condition of the contract, vide _____'s letter No _____

(Name of the Department)

Date _____ made between the contractors and the Board for execution of _____ covered under Tender No. _____ dated _____ (hereinafter called "the said

contract") for the payment of Security Deposit in cash or Lodgment of Government Promissory Loan Notes for the due fulfillment by the said contractors of the terms and condition of the said contract, on _____ production of a bank Guarantee for Rs. _____ (Rupees _____) only we, the

(Name of the Bank and Address) _____ (hereinafter

referred to as "the Bank") at the request of the contractors do hereby undertake to pay to the Board an amount not exceeding Rs. _____ (Rupees _____) only against any loss or damage caused to

or suffered by the Board by reason of any breach by the contractors of any of the terms and conditions of the said contract.

2. We, _____, do hereby

(Name of Bank)

(Name of Branch)

Undertake to pay the amount due and payable under this guarantee without any demur merely on a demand from the Board stating that the amount claimed is due by way of loss or damage caused to or which would be caused to or suffered by the Board by reason of the contractors failure to perform the said contract. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to any amount not exceeding Rs. _____ (Rupees _____) only.

3. We, _____, undertake to pay to the
(Name of Bank and Branch)

Board any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any Court or Tribunal relating thereto our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Contractor(s) shall have no claim against us for making such payment.

4. We, _____ further agree with the Board that the
(Name of Bank and Branch)

guarantee herein contained shall remain in full force and effect during the period that would be taken for performance of the said contract and that it shall continue to be enforceable till all the dues of the Board under or by virtue of the said contract have been fully paid and its claims satisfied or discharged or till the _____

(Name of the user department)

of the said certifies that the terms and conditions of the said contract have been fully and properly carried out by the said Contractors and accordingly discharge this guarantee. PROVIDED HOWEVER that the Bank shall be the request of the Board but at the cost of the Contractors, renew or extend this guarantee for such further period or periods as the Board may require from time to time.

5. We, _____ further agree with the Board that the (Name of
Bank and Branch)

Board shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said contract or to extend the time of performance by the said contract or to extend the time of performance by the said Contractors from time to time or to postpone for any time or from time to time any of the powers exercisable by the board against the said Contractors and to forebear or enforce any of the terms and conditions relating to the said contract and we shall not be relieved from our liability by reason of any such variation or extensions being granted to the contractors or for any forbearance, act or omission on the part of the Board or any indulgence shown by the board to the Contractors or by any

such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).

7. It is also hereby agreed that the Courts in Gandhidham would have exclusive jurisdiction in respect of claims, if any, under this Guarantee.

8. We, _____ Bank lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Board in writing.

9. Notwithstanding anything contained herein:

(c) Our liability under this Bank Guarantee shall not exceed Rs. _____ (Rupees _____ only);

(b) This Bank Guarantee shall be valid upto _____ ; and

(c) We are liable to pay the guarantee amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before _____ (date of expiry of Guarantee).”

Date _____ day of _____ 20

For (Name of Bank)

(Name)

Signature

DISPUTES REVIEW BOARD AGREEMENT

(To be executed on Rs.500/- non-judicial Stamp Paper)

THIS AGREEMENT, made and entered into thisDay of20
..... Between (“The Employer/ Board”) and
..... (“the contractor”), and the Disputes Review Board (“ the DRBoard
”) consisting of one/three DRBoard Members, (Members from either party, i.e. contractor
and Employer/Board)

- (1)
-(2)
-(3)
-

[Note: Delete whatever is not applicable]

WITNESSETH, that

WHEREAS, the Employer/Board and the contractor have contracted for the execution of
..... Project name)..... (the “contract”) and
WHEREAS, the contract provides for the establishment and operation of the DRBoard NOW
THEREFORE, the parties hereto agree as follows:

- 1. The parties agree to the establishment and operation of the DRBoard in accordance with
this DRBoard Agreement.
- 2 Expect for providing the services required hereunder, the DRBoard Members should not
give any advice to either party or to the Nodal Officer or his nominee concerning conduct
of the works.

The DRBoard Members:

- (a) Shall have no financial interest in any party to the contract or the Nodal Officer or
his nominee, or a financial interest in the contract, except for payment for services
on the DRBoard.
- (b) Shall have had no previous employment by, or financial ties to, any party to the
contract, or the Nodal Officer or his nominee, expect for fee based consulting services
on other projects, all of which must be disclosed prior to appointment to the
DRBoard.
- (c) Shall have disclosed in writing to the parties prior to signature of this Agreement
any all recent or close professional or personal relationships with any director,
officer, or employee of any party to the Nodal Officer or his nominee, and any and
all prior involvement in the project to which the contract relates;
- (d) Shall not, while a DRBoard Member be employed whether as a consultant or
otherwise by either arty to the contract, or the Nodal Officer or his nominee, expect
as a DRBoard Member.
- (e) Shall not, while a DRBoard Member, engage in discussion or make any agreement
with any party to the contract, or with the Nodal Officer or his nominee, regarding

employment whether as a consultant or otherwise either after the contract is completed or after services as a DRBoard Members.

- (f) Shall be and remain impartial and independent of the parties and shall disclose in writing to the Employer/Board, the contractor, the Nodal Officer or his nominee, and one another any fact or circumstances which might be such to cause either the Port or the contractor to question the continued existing of the impartiality and independence required of DRBoard Members.
- 1. Except for its participation in the DRBoard activities as provided in the contract and in this Agreement none of the Employer / Board, the contractor, the Nodal Officer or his nominee, and one another any fact or circumstances which might be such to cause either the Employer/Board or the contractor to question the continued existence of the impartiality and independence required of DRBoard Members.
- 2. The contractor shall:
 - a) Furnish to each DRBoard Member one copy of all document which the DRBoard may request including contract document, progress report, variation orders, and other document, pertinent to the performance of the contract.
 - b) In co-operation with the Employer/Board, co-ordinate the site visits of the DRBoard, including conference facilities and secretarial and copying services.
- 3. The DRBoard shall serve throughout the operation of the contract. It shall begin operation following execution of this Agreement, and shall terminate its activities after issuance of the taking over certificate and the DRBoard's issuance of its Recommendation on all disputes referred to it.
- 4. DRBoard Member, shall not assign or subcontract any of their work under this Agreement.
- 5. The DRBoard Members are independent and not employees or agents of either the Employer/Board or the Contractor.
- 6. The DRBoard Members are absolved of any personal or professional liability arising from the activities and the Recommendations of the DRBoard.
- 7. Fees and expenses of the DRBoard Member[s] shall be agreed to and shared equally by the Employer/Board and the Contractor. If the DRBoard requires special services, such as accounting, data research and the like, both the parties must agree and cost shall be shared by them as mutual agreed.
- 8. DR Board's site visit:
 - a. The DR Board shall visit the site and meet with representative of the Employer/Both and the contractor and the nodal officer are his nominee at regular intervals, at times of critical construction events, and at the return request of either party. The timing of site filing agreement shall be fixed by the DRBoard
 - b. Site meeting shall consist of an informal discussion of the status construction of the works followed by an inspection of the work, both attended by personal from the employer/Board, the contractor and the nodal officer or his nominee
 - c. If request by either parties or the DR Board, the employer/Board will prepare minutes of the meeting and circulate them for comments of the parties and the nodal officer or his nominee.
- 9. Procedure for disputes referred to the DRBoard:
 - a) If either party objects to any action or inaction of the other party or the Nodal Officer or his nominee, the objecting party may file a written Notice of Dispute to the other party with a copy to the Nodal Officer or his nominee stating that it is given pursuant to clause [number] and stating clearly and in detail the basis of the dispute.
 - b) The party receiving the Notice of Dispute will consider it and respond in writing within 7 days after receipt.
 - c) This response shall be final and conclusive on the subject, unless a written appeal to the response is filed with the responding party within 7 days of receiving the response. Both parties are encouraged to pursue the matter further to attempt to

settle the dispute. When it appears that the dispute cannot be resolved without the assistance of the DRBoard either party may refer the dispute to the DRBoard by written Request for Recommendation to the Board, the other party and the Nodal Officer or his nominee stating that it is made pursuant to [insert relevant clause no.]

- d) The Request for recommendation shall state clearly and detail the specific issues of the dispute to be considered by the DRBoard.
- e) When a dispute is referred to the DRBoard, and the DRBoard is satisfied that the dispute requires the DRBoard's assistance, the DRBoard shall decide when to conduct a hearing on dispute. The DRBoard may request that written documentation and arguments from both parties be submitted to each DRBoard Members before the hearing begins. The parties shall submit insofar as possible agreed statements of the relevant facts.
- f) During the hearing, the contractor, the Employer/ Board, the Nodal Officer or his nominee shall each have ample opportunity to be heard and to offer evidence.

The DRBoard's Recommendation for resolution of the dispute will be given in writing, to the Employer/ Board, the contractor and the Nodal Officer or his nominee as soon as possible, and in any event not more than 28 days after the DRBoard's final hearing on the dispute.

10. Conduct of Hearing:

- a) Normally hearing will be conducted at the sites, but any location that would be more convenient and still provide all required facilities and access to necessary documentation may be utilized by the DRBoard. Private sessions of the DRBoard may be held at any location convenient to the DRBoard.
- b) The Employer/ Board, the Nodal Officer or his nominee and contractor shall have representatives at all hearing.
- c) During the hearing, no DRBoard Member shall express any opinion concerning the merit of any facet of the case.
- d) After the hearing is concluded, the DRBoard shall meet privately to formulate its Recommendation. All DRBoard deliberation shall be conducted in private, with all individual views kept strictly confidential. The DRBoard's Recommendations, together with an explanation of its reasoning shall be submitted in writing to both parties and to the Nodal Officer or his nominee. The pertinent contract provision, applicable laws and regulations, and the facts and circumstances involved in the dispute.

The DRBoard shall make every effort to reach a unanimous Recommendation. If this proves impossible, the majority shall decide, and the dissenting member may prepare a written minority report for submission to both parties.

[Notes: Delete if it is one member DRBoard]

- 11. If during the contract period, the Employer/ Board and the contractor are of the opinion that the Disputes Review Board is not performing its function properly, the Employer/ Board and the contractor may together disband the Disputes Review Board. In such an event, the disputes shall be referred to Arbitration straightaway.

The Employer/Board and the contractor shall jointly sign a notice specifying that the DRBoard shall stand disbanded with effect from the date specified in the notice. The notice shall be posted by a registered letter with AD or delivery of the letter, even if he refuses to do so.

SPECIMEN FORMAT FOR DECLARATION

(To be executed on bidder's letter head)

To

(Project Title)

Ref:

The undersigned, having studied the pre-qualification submission for the above mentioned project, hereby states:

- (a) The information furnished in our bid is true and accurate to the best of my knowledge.
- (b) That in case of being pre-qualified, we acknowledge that the Employer may invite us to participate in due time for the submission of tender on the basis of provisions made in the tender documents to follow.
- (c) When the call for tenders is issued, if the legal, technical or financial conditions, or the contractual capacity of the firm or joint venture changes, we commit ourselves to inform you and acknowledge your sole right to review the pre-qualification made.
- (d) We enclose all the required pre-qualification data format and all other evaluation.
- (e) We also state that no changes have been made by us in the downloaded tender document and also understand that in the event of any discrepancies observed, the printed tender document no. _____ is full and final for all legal/contractual obligations (delete if not required).

Date:

Place:

Name of the Applicant:

Represented by (Name & Capacity)

<p style="text-align: center;">SPECIMEN LETTER OF AUTHORITY FROM BANK</p> <p style="text-align: center;">FOR ALL BGs</p> <p style="text-align: center;">(To be executed on Bank's Letter Head)</p>
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<p style="text-align: center;">SPECIMEN LETTER OF AUTHORITY FROM BANK</p> <p style="text-align: center;">FOR ALL BGs</p> <p style="text-align: center;">(To be executed on Bank's Letter Head)</p>
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<p style="text-align: center;">SPECIMEN LETTER OF AUTHORITY FROM BANK</p> <p style="text-align: center;">FOR ALL BGs</p> <p style="text-align: center;">(To be executed on Bank's Letter Head)</p>
--

Date: _____

Board of Authorities of Port [insert port],

Sir,

Sub: Our Bank Guarantee No. _____
 d. _____ for Rs. _____ favoring _____ yours
 issued on _____ a/c

(Name of contractor)

.....

We confirm having issued the above mentioned guarantee favor
selves, issued on account of M/s. _____validit
y upto date_____and claim expiry date upto_____

We also confirm 1) _____ 2) _____ is/are authorized to sign such Bank Guarantee on behalf of the Bank and his/her signature shall be binding on the Bank.

Name of signature of Bank O

SPECIMEN LETTER OF AUTHORITY FOR

SUBMISSION OF BID

(To be executed on Rs.500/- non Judicial Stamp Paper)

SPECIMEN LETTER OF AUTHORITY FOR

SUBMISSION OF BID

(To be executed on Rs.500/- non Judicial Stamp Paper)

SPECIMEN LETTER OF AUTHORITY FOR

SUBMISSION OF BID

(To be executed on Rs.500/- non Judicial Stamp Paper)

To
The (PORT Address)

Dear Sir,

We-----
----- do hereby confirm that Shri (Name, designation and
Address) is/are authorized to represent us to bid, negotiate and conclude the agreement
on our behalf with you against tender no. ----- and his specimen signature is
appended here to ..

We confirm that we shall be bound by all and whatsoever our said signatory shall commit. We understand that the communication made with him by the Employer/Board shall be deemed to have been done with us in respect of this Tender.

[Specimen signature]

Yours faithfully,

Signature:

Name & Designation:

For & on behalf of:

EXCEPTIONS AND DEVIATIONS

As pointed out in the Tender Call Notice, Bidder may stipulate here exceptions and deviations to the bid conditions, if considered unavoidable.

Sr. No.	Page No. of Bid Documenpower t	Clause No. of Bid Document	Subject Deviation

Note :however, the Bidders to note that unacceptable deviations, if any, the bid shall be liable for rejection. Bidder is discouraged to deviate from bid conditions, specifications, delivery schedules, and commercial terms as per the tender document.

Duly authorized to sign this authorization on behalf of: [insert complete name of Tenderer]

Date on _____day of _____, _____ [insert date of signing]

Date :

DEENDAYAL PORT AUTHORITY

Form of application by the Contractor for seeking extension of time

Part-I

1	Name of Contractor	
2	Name of Work as given in the agreement	
3	Agreement No.	
4	Estimated Amount put to tender	
5	Date of Commencement of Work as per Agreement	
6	Period allowed for completion of work as per agreement	
7	Date of Completion stipulated in agreement	
8	Period for which extension of time has been given previously	
	(a) 1 st extension vide E.E.'s No. Total extension previously given	
9	Reasons for which extension have been previously given (copies of the previous application should be attached)	
10	Period for which extension is applied for	
11	Hindrance on account of which extension is applied for which dates on which hindrance occurred and the period for which these are likely to last. (a) Serial No. : 01 (b) Nature of hindrance : (c) Date of occurrence : (d) Period for which hindrance is likely to last (e) Period for which extension required for	

	<p>this particular hindrance.</p> <p>(f) Overloading period if any, with reference to item.</p> <p>(g) Net extension applied for</p> <p>(h) Remarks if any</p> <p>Total period on account of hindrance mentioned above ____ month ____ days.</p>	
13	Extension of time required for extra work	
14	<p>Dates of extra work and amount involved;</p> <p>(a) Total value of extra work</p> <p>(b) Proportionate period of extension of time based on estimated amount put to tender on account of extra work.</p>	
14	Total extension of time required for 11 & 12	

Submitted to the Sub Divisional Officer.....

FORMAT OF BID SECURITY DECLARATION FROM BIDDERS
(On Bidders Letter head)

Bid Security Declaration Form

Date: _____

Tender No. _____

To

(insert complete name and address of the Employer/Purchaser)

I/We, the undersigned, declare that :

I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of three year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

- a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or
- b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or reuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed: (insert signature of person whose name and capacity are shown)
in the capacity of (insert legal capacity of person signing the Bid Securing Declaration)

Name: (insert complete name of person signing the Bid Securing Declaration)
Duly authorized to sign the bid for an on behalf of (insert complete name of Bidder)

Dated on _____ day of _____ (insert date of signing)

Corporate Seal (where appropriate)

“Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid.”

BANK PAYMENT AGREEMENT FORM

(To be collected from the Parties)

1. Name of Party :
2. Account No. :
3. Branch Name :
4. IFSC Code of the Bank :
5. MICR Code :
6. Accepted for : NEFT Payment or RTGS Payment

DECLARATION BY THE PARTY :

I/ We hereby declare that the above information furnished by me is correct and DPA is requested to pay my/ our dues to this Account for this work/ supply order is concerned.

Signature of the Party with Seal

INTEGRITY PACT

Between

Deendayal Port Authority (DPA) hereinafter referred to as "**The Principal**"

and

..... (Name of The bidders and consortium members) hereinafter referred to as "**The Bidder / Contractor**"

Preamble

The Principal intends to award, under laid down organizational procedures, contract(s) / concession(s) for Tender No. HD-21/25 The Principal values full compliance with all relevant laws of the land rules, regulations, economic use of resources and of fairness / transparency in its relations with its Bidder(s) and / or Contractor(s).

In order to achieve these goals, the Principal will appoint Independent External Monitors (IEMs), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1 - Commitments of the Principal

- (1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-
 - (a) No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - (b) The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
 - (c) The Principal will exclude from the process all known prejudicial persons.
- (2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC / PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions.

Section 2 - Commitments of the Bidder(s) / Contractor(s)

- (1) The Bidder(s) / Contractor(s) commits themselves to take all measures necessary to prevent corruption. The Bidder(s) / Contractor(s) commits themselves to observe the following principles during participation in the tender process and during the contract execution.
 - a. The Bidder(s) / Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in tender process or the execution of the contract or to any third person any material or other benefit, which he / she is not legally entitled to, in order to obtain in exchange of advantage of any kind whatsoever during the tender process or during the execution of the contract.
 - b. The Bidder(s) / Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids, or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
 - c. The Bidder(s) / Contractor(s) will not commit any offence, under the relevant Prevention of Corruption Act / Indian Penal Code / PC Act; further the Bidder(s) / Contractor(s) will not use improperly, for purposes of competition, or personal gain, or pass on to others, any information or document provided by the Principal, as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
 - d. The Bidder(s) / Contractor(s) of foreign origin shall disclose the name and address of the Agents / Representatives in India, if any. Similarly, the Bidder(s) / Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further details as mentioned in the "Guidelines on Indian Agents of Foreign Suppliers" shall be disclosed by the Bidder(s) / Contractor(s). Further, as mentioned in the Guidelines all the payments made to Indian agent / representative have to be in Indian Rupees only. Copy of the "Guidelines on Indian Agents of Foreign Suppliers" is placed at (page Nos. 7-20)
 - e. The Bidder(s) / Contractor(s) will, when presenting their bid, disclose any and all payments made, is committed to or intends to make to agents, brokers or any other intermediaries, in connection with the award of the contract.
 - f. Bidder(s) / Contractor(s) who have signed the Integrity Pact shall not approach the Courts while representing the matter to IEMs and shall wait for their decision in the matter.

- (2) The Bidder(s) / Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3 - Disqualification from tender process and exclusion from future contracts.

If the Bidder(s) / Contractor(s), before award or during execution has committed a transgression through a violation of Section-2 above, or in any other form, such as to put their reliability or credibility in question, the Principal is entitled to disqualify the Bidder (s) / Contractor(s), from the tender process, or take action as per the procedure mentioned in the "Guidelines on Banning of business dealings". Copy of the "Guidelines on Banning of business dealings" is placed at (Page No. 7-20).

Section 4 - Compensation for Damages

- (1) If the Principal has disqualified the Bidder(s), from the tender process prior to the award, according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit / Bid Security.
- (2) If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the Principal shall be entitled to demand and recover from the Contractor, liquidated damages of the Contract Value or the amount equivalent to Security Deposit / Performance Bank Guarantee, whichever is higher.
- (3) The Bidder(s) agrees and undertakes to pay the said amounts, without protest or demur, subject only to condition that, if the Bidder(s) / Contractor(s) can prove and establish that the termination of the contract, after the contract award has caused no damage or less damage than the amount of the liquidated damages, the Bidder/Contractor shall compensate the principal, only to the extent of the damage in the amount proved.

Section 5 - Previous transgression

- (1) The Bidder declares that, no previous transgressions occurred in the last three years with any other company in any country confirming to the anti-corruption approach or with any other Public Sector Enterprises in India, that could justify his exclusion from the tender process.
- (2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or action can be taken as per the procedure mentioned in "Guidelines on Banning of Business dealing".

Section 6 - Equal treatment of all Bidders / Contractors

- (1) In case of a Joint Venture, all the partners of the Joint Venture should

sign the integrity pact.

- (2) In case of sub contract the principal contractor shall be solely responsible for the adherence to the provision of IP by the sub-contractor.

Section 7 - Criminal charges against violating Bidders / Contractors

If the principal obtains knowledge of conduct of a Bidder or Contractor or of an employee, or a representative, or an associate of a Bidder or Contractor, which constitutes corruption, or if the Principal has substantive suspicion, in this regard, the Principal will inform the same to the Chief Vigilance Officer (CVO) and the CVO will take further necessary action as deemed fit in accordance with the CVC Manual.

Section 8 - External Independent Monitor

- (1) The Principal appoints competent and credible Independent External Monitor for this Pact after approval by Central Vigilance Commission. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
- (2) The Monitor is not subject to instructions by the representative of the parties and performs his / her functions neutrally and independently. The Monitor would have access to all Contract documents, whenever required. It will be obligatory for him / her to treat the information and documents of the Bidders / Contractors as confidential. He / she reports to the Chairperson of the Board of the Principal.
- (3) The Bidder(s) / Contractor(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Bidder / Contractor will also grant the Monitor, upon his / her request and demonstration of a valid interest, unrestricted and unconditional access to the project documentation. The Monitor is under contractual obligation, to treat the information and documents of the Bidder / Contractor with confidentiality.
- (4) The Monitor is under contractual obligation to treat the information and documents of the Bidder(s) / Contractor(s) with confidentiality. The Monitor has also signed declaration on "Non-Disclosure of Confidential Information" and of "Absence of Conflict of Interest". In case of any conflict of interest arising at a later date, the IEM shall inform Chairman, DPA and recuses himself / herself from that case.
- (5) The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Bidder / Contractor. The parties offer to the Monitor the option to participate in such meetings.

- (6) As soon as the Monitor notices, or believes to notice, a violation of this agreement, he / she will so inform the Management of the Principal and request the management to discontinue, or take corrective action. The Monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
- (7) The Monitor will submit a written report to the Chairperson of the Board of the Principal, within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.
- (8) If the Monitor has reported to the Chairperson of the Board of the Principal, a substantiated suspicion of an offence under relevant IPC / PC Act and the Chairperson of the Board of the Principal has not, within reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.
- (9) The word "**Monitor**" would include both singular and plural.

Section 9 - Pact Duration

- 9.1 This Pact shall be operative from the date of signing of IP by both the parties till the final completion of contract of successful bidder and for all other bidders six months after the contract has been awarded. Issues like warranty, guarantee, etc. should be outside the purview of IEMs.
- 9.2 If any claim is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact, as specified above unless it is discharged / determined by the Chairperson, DPA.

Section 10 - Other Provisions

- (1) This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal, i.e. Gandhidham, Gujarat.
- (2) Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
- (3) If the Bidder / Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- (4) Should one or several provisions of this agreement, turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

- (5) Issues like Warranty / Guarantee etc. shall be outside the purview of IEMs.
- (6) In the event of any contradiction between the Integrity Pact and its Annexure, the Clause in the Integrity Pact will prevail.
- (7) In case of JV firm, IP agreement need to be executed and submitted in the name of the JV and all the parties of JV need to sign and stamp the agreement.



अधिसारी अभियंता (बंदरगाह)
दीनदयाल पोर्ट प्राधिकरण

(For & on behalf of the Principal)

(Office Seal)

(For & on behalf of the Bidder/Contractor)

(Office Seal)



Assistant Monitor (Harbour)
Deendayal Port Authority
सहायक प्रबंधक (बंदरगाह)
दीनदयाल पोर्ट प्राधिकरण

Date : ___/___/___

Signature of Witness:
(Name & Address)

Note : The bidder has to execute Integrity Pact agreement with Deendayal Port Authority (as per Bid Response Sheet No. 10 and Shri Amiya Kumar Mohapara, IFoS, (Retd.) and Dr. Gopal Dhawan, Ex-CMD, MECL have been appointed by DPA as Independent External Monitors and whose address are as under :-

<p>Shri Amiya Kumar Mohapara, IFoS, (Retd.) Qrs. No 5/9, Unit-9, Bhoi Nagar, Bhubaneswar-751 022, Mobile No 9437002530 email: amiyaiifs@gmail.com</p>	<p>Dr. Gopal Dhawan, Ex-CMD, MECL House NO 120, Jal Shakti Vihar (NHPC Society) P4, Builders Area, Greate Noida Gutam Budh Nagar, Uttar Pradesh- 201 315 email: gdhawangeologist@gmail.com</p>
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DEENDAYAL PORT AUTHORITY

(Formerly known as Kandla Port Trust)

GANDHIDHAM - KUTCH - GUJARAT - 370 201.

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TECHNICAL SPECIFICATIONS

Name of work: Construction of Rest Shelter and Toilet Block at Berth No. 13 to 16 –
LOCATION 1 AND LOCATION 2 - Electrical Part.

1. Technical Specification for Item No. 1:

(a) Technical Specification for Feeder Panel.

This includes design, supply at site, installation, testing & commissioning of outdoor pedestal type Feeder Pillar Panel, double shutter, handle with locking arrangement (Pad lock-5 lever with keys), dust, damp and vermin proof. The main distribution panel shall be fabricated from MS Sheet of 2.00 mm thick, 316 grade MS angle and MS flat of suitable size.

The main panel shall be designed as per IS norms and shall be specious for easy maintenance and frame structure shall be with MS angle of suitable size (min. 35 X 35 X 6mm) with inner sheet & inner angles & pedestal of pane made from 65 X 65 X 6mm MS angle of 316 grade with four legs of 1200 mm and shall be provided with following items.

1	200A, 4 Pole, 415V, 35KA, Panel Mounted MCCB	1 No.
2	50A, 4 Pole, 415V, 35KA, Panel Mounted MCCB	8 No.
3	Indicating Lamps, 230/240V, AC with in-built resistance	3 No.
4	Suitable size of Analog Ammeter & Volt meter with four portion selector switches	1 each
5	Indicating Lamp- Red, Green and blue, 230V AC with in-built resistance.	1 each
6	Three phase, 4 wire electronic energy meter	1 No.
7	Surface mounted light sensor time switch	1 No.
8	50A, Three phase Ait Breaker Contactor	1 No.
9	Analog Timer for control of street light	
11	Electrolytic copper bus-bar of suitable size for phase and neutral, PVC sleeved with colour code, Danger Board tie belt MS Wall Mounted stand etc.	

All these compartments shall be mounted in the Panel by means of suitable cadmium passivated hardware. The Panel shall be complete in all respects with cable glands, lugs for incoming and outgoing cables including interconnection with PVC insulated cable single core, standard copper conductor of 650/1100V grade.

The Panel shall be erected on cement concrete platform duly plastered with tapped collar of suitable size having height of 500 mm above ground level including grouting of legs in reinforced foundation of suitable design.

The Pane shall be tested as per IS and test certificate to be submitted along with panel at site. All the components shall be panel mounted type and hardware cadmium passivated. The Feeder Panel shall be provided with 2 Nos. GI Terminals for earthing.

The Panel shall be manufactured from type test certificate holder having Type Test Certificate of Feeder Panel of similar or above ratings. This includes all labour & material as directed by Engineer-In-Charge.

2. Technical Specification for Item No. 2:

This includes supply at site 1.1 KV grade, 4 core various size aluminum conductor, XLPE insulated armoured cable confirming to IS: 7098 (Part-I) with up to date amendments and of approved make with ISI mark. The manufacturer shall produce TYPE TEST certificate with similar size of cable, which shall not be more than 3 years old. The cable shall have marking/embossing at the interval of every meter showing its progressive length. The manufacturer's routine test certificate shall produce with supply of cable at site.

3. Technical Specification for Item No. 3:

This includes laying of cable through following type.

(a) Hard/Soft Soil:

This includes laying of single length cables of type 4.0 core of size 4 sqmm to 95 sqmm LT armoured aluminum Conductor XLPE Cable of 1.1KV Grade (excluding supply of cable) through excavation in soft/hard soil. The trench to be excavated 0.3 Mtr. wide 0.6 Mtr. deep. The bed of 50mm of river sand shall be provided in the bottom of the excavated trench. The cable shall be laid over the bed of river sand. The cable shall be protected by providing and laying bricks both the sides lengthwise parallel to the cable & the gaps shall be filled with river sand. The cable shall be covered by keeping two bricks over the side bricks. The filling of the trench shall be done with the excavated stuff & should be watered and rammed properly to its original position. The excess excavated stuff shall be disposed off from the Site of work and spreader in low laying area as directed.

The contractor shall provide heat shrinkable straight through joint of relevant size of approved make if the laying of cable shall be more than standard drum length. This includes all labour and material as directed by Engineer-in-Charge.

(b) Road/RCC Crossing:

This includes laying of single length cable of type 4.0 core of size 4 sqmm to 95 sqmm LT armoured aluminum Conductor XLPE Cable of 1.1KV Grade (excluding supply of cable) through road crossing in the trench to be excavated 0.3 Mtr wide 1.0 Mtr deep. by providing of 1 lengths of RCC NP2 Class pipe of 150mm diameter, in which cable shall be passed through. The excavated stuff shall be disposed off from the Site of work and spreaded in low laying area as directed. The filling of the trench shall be done with material in layers of 20 cm thickness and each layer should be watered and rammed properly and road position shall be properly re-done to its original position with all material and labour as directed by Engineer- in-charge.

(c) On wall through saddles & clamps:

This includes laying of supplied single length cable of type 4.0 core of size 4 sqmm to 95 sqmm LT armoured aluminum Conductor XLPE Cable of 1.1KV Grade (excluding supply of cable) on existing wall/cement structure. The G.I. Saddle set with base & Clamps shall be provided of suitable size (with respect to cable outer diameter) made from G.I. flat 25 x 3 mm with G.I. Nut bolts/heavy duty screws for clamping. The base shall be fixed rigidly on wall/cement structure through cemented wooden gutties at 0.50 mtr. Intervals & the cable shall be laid on 3mm thick G.I. saddle base on wall/cement structure and clamped rigidly by G.I. screwing/bolting of clamps. The work includes with all materials and labour as directed by Engineer-in-charge.

(d) In GI Class-B Pipe:

This includes laying of single length cable of type 4.0 core of size 4 sqmm to 95 sqmm LT armoured aluminum Conductor XLPE Cable of 1.1KV Grade (excluding supply of cable) in class-B G.I. Pipe of suitable size (with respect to cable outer diameter) on existing Wall/DP/Four Pole Structure/steel Structure/Street Light Pole with G.I. base & Clamps of suitable size made from G.I. flat 25 x 3 mm including G.I. Nut bolts of suitable size at 0.50 mtr. Intervals. The work includes with all materials and labour as directed by Engineer-in-charge

4. Technical Specification for Item No. 4:

- (a) The item includes providing & fixing concealed wiring for single phase sub-circuit from the main switch /meter /DBs / MCBs to the switchboard with Flame Retardant, 1100 Voltage grade, single core stranded copper conductor wire of size 2.5 sq.mm. for phase & neutral wire and 1.5 Sq.mm continuous stranded copper conductor wire for earth to be laid through PVC Round Pipe of size 25 mm Diameter of Medium Mechanical Strength (MMS) type and other accessories such as Tee, junction box, inspection bends, elbow etc. of approved make. The proper size of grew shall be prepared by contractor on wall/ceiling as case may be & the conduit pipe shall be laid through prepared grew and incase of new construction the pipes shall be laid during reinforcement work. After laying of pipe the grew shall be closed with mixture of cement & sand and to match with existing surface of wall/ceiling. Complete work consists of necessary wiring connections and earth linking at both the ends with all materials and labour as directed by Engineer-in- charge.
- (b) The item includes providing & fixing concealed wiring for single phase sub-circuit from the main switch /meter /DBs / MCBs to the switchboard with Flame Retardant, 1100 Voltage grade, single core stranded copper conductor wire of size 4.0 sq.mm. for phase & neutral wire and 1.5 Sq.mm continuous stranded copper conductor wire for earth to be laid through PVC Round Pipe of size 25 mm Diameter of Medium Mechanical Strength (MMS) type and other accessories such as Tee, junction box, inspection bends, elbow etc. of approved make. The proper size of grew shall be prepared by contractor on wall/ceiling as case may be & the conduit pipe shall be laid through prepared grew and incase of new construction the pipes shall be laid during reinforcement work. After laying of pipe the grew shall be closed with mixture of cement & sand and to match with existing surface of wall/ceiling. Complete work consists of necessary wiring connections and earth linking at both the ends with all materials and labour as directed by Engineer-in- charge.

5. Technical Specification for Item No. 5:

The item includes providing & fixing concealed wiring for light/tube/bell point from switchboard with Flame Retardant, 1100 Voltage grade, single core stranded copper conductor wire of size 1.5 sq. mm. for phase & neutral wire and 1.0 Sq.mm continuous stranded copper conductor wire for earth to be laid through PVC Round Pipe of size 20 mm Diameter of Medium Mechanical Strength (MMS) type and other accessories such as Tee, junction box, inspection bends, elbow etc. of approved make. The proper size of grew shall be prepared by contractor on wall/ceiling as case may be & the conduit pipe shall be laid through prepared grew and incase of new construction the pipes shall be laid during reinforcement work. After laying of pipe in the grew shall be closed with mixture of cement & sand and to match with existing surface of wall/ceiling. The work also includes providing & fixing of Bell Push/Flush type SP switch 6A x 250V with ISI mark and 3 plate Ceiling Rose/Angle Holder made from polycarbonate on suitable size of PVC

box with cover. The PVC box shall be embedded properly in the wall and the switches shall be fixed on cover of the embedded box. The complete work consists necessary wiring connections and earth linking at both the ends with all materials and labour as directed by Engineer-in- charge.

6. Technical Specification for Item No. 6:

The item includes providing & fixing concealed wiring for fan point from switchboard with Flame Retardant, 1100 Voltage grade, single core stranded copper conductor wire of size 1.5 sq. mm. for phase & neutral wire and 1.0 Sq.mm continuous stranded copper conductor wire for earth to be laid through PVC Round Pipe of size 20 mm Diameter of Medium Mechanical Strength (MMS) type and other accessories such as Tee, junction box, inspection bends, elbow etc. of approved make. The proper size of grew shall be prepared by contractor on wall/ceiling as case may be & the conduit pipe shall be laid through prepared grew and incase of new construction the pipes shall be laid during reinforcement work. After laying of pipe the grew shall be closed with mixture of cement & sand and to match with existing surface of wall/ceiling. The work consists providing & fixing of Flush type SP switch 6A x 250V with ISI mark and Step cut electronic fan regulator with rotary steps & 3 plate Ceiling Rose made from polycarbonate on suitable size of PVC box with cover. The PVC box shall be embedded properly in the wall and the switches shall be fixed on cover of the embedded box. The complete work consists necessary wiring connections and earth linking at both the ends with all materials and labour as directed by Engineer-in- charge.

7. Technical Specification for Item No. 7:

(a) Full Plug Point:

The item includes providing & fixing concealed wiring for plug point with Flame Retardant, 1100 Voltage grade, single core stranded copper conductor wire of size 1.5 sq. mm. for phase & neutral wire and 1.0 Sq.mm continuous stranded copper conductor wire for earth to be laid through PVC Round Pipe of size 20 mm Diameter of Medium Mechanical Strength (MMS) type and other accessories such as Tee, junction box, inspection bends, elbow etc. of approved make. The proper size of grew shall be prepared by contractor on wall/ceiling as case may be & the conduit pipe shall be laid through prepared grew and incase of new construction the pipes shall be laid during reinforcement work. After laying of pipe the grew shall be closed with mixture of cement & sand and to match with existing surface of wall/ceiling. The work consists providing & fixing of Flush type SP switch 6A x 250V with ISI mark and 2 in 1 socket 6A x 250V made from polycarbonate on suitable size of PVC box with cover. The PVC box shall be embedded properly in the wall and the switch & Socket shall be fixed on cover of the embedded box. The complete work consists necessary wiring connections and earth linking at both the ends with all materials and labour as directed by Engineer-in-charge.

(b) Half Plug Point:

The item includes providing & fixing half point in existing switch board with Flame Retardant, 1100 Voltage grade, single core stranded copper conductor wire of size 1.5 sq. mm. for phase, neutral & earth. The work consists providing & fixing of Flush type SP switch 6A x 250V with ISI mark and 2 in 1 socket 6A x 250V made from polycarbonate on existing switchboard. The complete work consists necessary wiring connections and earth linking with all materials and labour as directed by Engineer-in-charge.

8. Technical Specification for Item No. 8:

The item includes providing & fixing concealed wiring for Power point with Flame Retardant, 1100 Voltage grade, single core stranded copper conductor wire of size 4.0 sq. mm. for phase & neutral wire and 2.5 Sq.mm continuous stranded copper conductor wire for earth to be laid through PVC Round Pipe of size 25 mm Diameter of Medium Mechanical Strength (MMS) type and other accessories such as Tee, junction box, inspection bends, elbow etc. of approved make. The proper size of grew shall be prepared by contractor on wall/ceiling as case may be & the conduit pipe shall be laid through prepared grew and incase of new construction the pipes shall be laid during reinforcement work. After laying of pipe in prepared grew the grew shall be closed with mixture of cement & sand and to match with existing surface of wall/ceiling. The work consists providing & fixing of 5 in 1 combined unit suitable for 1 with switch, socket, fuse & indicator with ISI mark. The PVC box of suitable size shall be embedded properly in the wall and the combined unit shall be fixed on embedded PVC box. The complete work consists necessary wiring connections and earth linking at both the ends with all materials and labour as directed by Engineer-in-charge.

9. Technical Specification for Item No. 9:

(a) **Supply:** This includes supply at site 6 way double door SPN DB with IP42 degree of protection. The DB shall be made from special grade of CRCA sheet and powder coated. The DB shall be fitted with Bus Bar, DIN Rail and neutral link. Along with each DB box, the following MCBs & ELCB shall be supplied and accordingly calculate the quantity. The rates shall be including the cost of MCBs & RCCB supplied along with DB.

S/N	Description for 1 Box	Qty. for each DB
1	MCB (C-Curve), 6-10 Amp.	3
2	MCB (C-Curve), 32 Amp.	1
3	RCCB, 30 AMP	1

(b) **Fixing:** This includes fixing and commissioning of supplied double door DB on wall / structure as directed. The DB shall be fixed rigidly on wall through suitable size of nut bolts / anchor fasteners / cemented wooden gutties as directed. This includes necessary wiring, connections & earth linking with all material and labour as directed by Engineer-in-Charge.

10. Technical Specification for Item No. 10:

(a) **Supply:** This includes supply at site 4 ft LED Tube light fixture of 20-22 Watt. The tube light shall be operating on single phase 230V, 50Hz AC supply. It shall be with white light and shall be have the facility of clamping the tube rod on fixed clip (on the wall) The LED rod shall be fluctuation proof and shall provide with in-built driver.

(b) **Fixing:** This includes fixing and commissioning of supplied 4ft LED 20-22 Watt tube light fixture on wall/ceiling at suitable height on cemented wooden gutties as directed and connection with 3 core flexible copper cable from nearest source of supply/ceiling rose & necessary connection with all material and labour as directed by Engineer-in-Charge.

11. Technical Specification for Item No. 11:

(a) **Supply:** This includes supply of 1200 mm sweep ceiling fan fitted with heavy duty grease filled double ball bearing that ensures noiseless performance

and long lasting smoother life of fan suitable upto 250V AC supply. The Fan blades aerodynamically balanced to ensure maximum air delivery at lower power consumption & the blades shall be made of 'heavy gauge' aluminum sheet so as to retain the blade's angel over a longer period. The Fan motor made of superior grade copper wire and impregnated in special varnish for long life operation. The motor shall be totally enclosed and low-loss-silicon steel stampings ensure minimum power consumption with high optimum output. The Fan coated with a special anticorrosive enamel paint that makes them rust free and ensures a classic appearance and longer life. The supplied fan conforming to ISI specifications. The fan shall be supplied all accessories such as down rod 30/60/120cm long, PVC Bobbin, Stainless Steel Nut Bolt with cotter pin, capacitor etc. of approved make and as per IS specification as directed by Engineer-in-charge.

- (b) **Fixing:** This includes fixing & commissioning of supplied ceiling fan with all accessories in existing hook including necessary wiring and connection from nearest point / Ceiling rose through PVC flexible copper conductor wire and earth linking etc. with all material and labour as directed by Engineer-in-charge.

12. Technical Specification for Item No. 12:

- (a) **Supply:** This includes supply of exhaust fan of size 225mm with capacitor start and run type motor, continuously rated, totally enclosed fitted with heavy duty grease filled double ball bearing that ensures noiseless performance and long lasting smoother life of fan suitable for single phase 220/250 Volts A.C. 50HZ. The impeller shall be used in an Exhaust Fan is of the propeller type & both hub and impeller shall be dynamically balanced, frames and arms mounted on rubber bushings, to avoid vibrations.

- (b) **Fixing:** This includes fixing & commissioning of supplied exhaust on existing exhaust hole so that discharge of exhaust air can be done easily. However if exhaust hole is not provided, it is to be done by contractor. The grouting of the fan is to be done by suitable size of anchor fastener bolts, and by providing metallic mesh/louvers as directed to other side so that birds can be restricted in the passage. This includes connections with 3 core flexible copper cable from nearest source of supply & necessary connections & earth linking with all material and labour and as directed by Engineer-In-Charge.

13. Technical Specification for Item No. 13:

- (a) **Supply:** This includes supply of energy efficient LED 10 Watt, cool white, surface mounted bulk head light fixture of approved make and as desired by Engineer In Charge.
- (b) **Fixing:** This includes fixing and commissioning of supplied LED 10 Watt bulk head light fixture on wall/ceiling at suitable height on cemented wooden gutties as directed and connection with 3 core flexible copper cable from nearest source of supply & necessary connections & earth linking with all material and labour and as directed by Engineer-In-Charge.

14. Technical Specification for Item No. 14:

- (a) **Supply:** This includes supply of energy efficient LED 60 Watt, Street Light Fixture. The fixture shall be of 100Lm/W delivered, Pressure die cast housing with toughened glass, the fixture shall have secondary optics for better light distribution. Driver protection against lightening, over voltage, short circuit.

Excess to driver shall be from top. The fixture shall be IP 66. Impact protection shall be IK07.

- (b) **Fixing:** This includes fixing and commissioning of supplied LED 10 Watt bulk head light fixture on wall/ceiling at suitable height on cemented wooden gutties as directed and connection with 3 core flexible copper cable from nearest source of supply & necessary connections & earth linking with all material and labour and as directed by Engineer-In-Charge.

15. Technical Specification for Item No. 15:

- (a) **Supply:** This item includes supply of Tamper proof, Shock proof and Rust proof SMC (Sheet Moulding Compound) Junction box with side hinged door and shall be supplied with 5 nos. connectors suitable for 16A x 230 Volts. The Junction box shall be in single piece without any joints having concealed hinges, mounting screws fitted from inside, Metal hardware for wire seal, light weight and adequate. The size of SMC Junction Box shall be of inside dimension 140 mm x 140 mm x 95 mm.

- (b) **Fixing:** This includes fixing of supplied Shock proof and Rust proof SMC (Sheet Moulding Compound) Junction box on wall / structure/Pole as directed. The Junction Box shall be fixed rigidly on wall through suitable size of nut bolts/anchor fasteners/cemented wooden gutties and in case of pole it shall be fixed through suitable size of G.I. clamp at least 2mm. thick as directed. This includes with all material, labour tools & tackles including necessary wiring & connections with earth linking as directed by Engineer-In-charge

16. Technical Specification for Item No. 16:

- (a) **Supply:** This includes supply of (a) 8 Way, (b) 12 way & (c) 16 way double door SPN DB with IP42 degree of protection. The DB shall be made from special grade of CRCA sheet and powder coated. The DB shall be fitted with Busbar, DIN Rail and neutral link. The rates shall be excluding the cost of MCB.
- (b) **Fixing:** This includes fixing & commissioning of supplied double door SPN DB on wall / structure as directed. The DB shall be fixed rigidly on wall through suitable size of nut bolts/anchor fasteners/cemented wooden gutties as directed. This includes necessary wiring, connections & earth linking with all material, labour tools & tackles as directed by Engineer-In-charge.

17. Technical Specification for Item No. 17:

- (a) **Supply:** This includes supply of following MCBs as per the requirements.

- (I) 40A, 415/440V, 4P (TPN) MCB
- (II) 40A, 415/440V, 3P (TP) MCB
- (III) 6 -32 A 230/250V DP MCB
- (IV) 6 -32 A 230/250V SP MCB

The MCBs shall be of DIN Rail mounted 'C' Series with 10kA Breaking Capacity. The supplied MCB shall be conform to relevant IS.

- (b) **Fixing:** This includes fixing & commissioning of supplied SP/DP/TP/TPN MCB in existing SPN double door DB on wall / structure. The MCB shall be fixed on DIN Rail provided in existing DB. This includes necessary 1 ϕ / 3 ϕ wiring, connections, distribution & earth linking of DB with all material, labour tools & tackles as directed by Engineer-In-charge.

18. Technical Specification for Item No. 18:

This includes Supply and preparation of earth station with chemical treated

back filled compound corrosion protection by hot dip 25-30mm dia. Pipe-In-Pipe GI type 2 Mtr. Depth, maintenance free including all accessories. This also includes necessary masonry work for preparing of earth pit.

19. Technical Specification for Item No. 19:

- (a) This includes preparation of earth station with G.I. Earth plate 600mm x 600mm. x 10mm. thickness and shall be buried in such a way that its top edge is at a depth of not less than 1.5 Meter from the surface of ground. It shall have a G.I pipe (Class- B) for watering of size 20mm dia. buried vertically and adjacent to plate electrode and other end shall be provided with funnel. The two runs of G.I. flat of size 50mm x 6mm thick shall be clamped near funnel and to be taken from main earth plate. The value of earth pit shall be less than 5Ω .

A cement concrete (ratio 1:4:8) chamber of at least 30 cm x 30 cm shall be provided just below the surface of ground over the funnel for watering and having RCC/CI cover of suitable size as directed. The pit shall be filled with alternative layer of 15cm each of charcoal and salt. This also includes removal of extra-excavated earth from the site. The work shall be carried out to entire satisfaction of Engineer-in-charge. This work includes all labour and material as directed by Engineer-in-charge.

- (b) This includes preparation of earth station with Copper Earth plate 600mm x 600mm. x 3mm. thickness and shall be buried in such a way that its top edge is at a depth of not less than 1.5 Meter from the surface of ground. It shall have a G.I pipe (Class-B) for watering of size 20mm dia. buried vertically and adjacent to plate electrode and other end shall be provided with funnel. The two runs of copper flat of size 50mm x 6mm thick shall be clamped near funnel and to be taken from main earth plate. The value of earth pit shall be less than 5Ω .

A cement concrete (ratio 1:4:8) chamber of at least 30 cm x 30 cm shall be provided just below the surface of ground over the funnel for watering and having RCC/CI cover of suitable size as directed. The pit shall be filled with alternative layer of 15cm each of charcoal and salt. This also includes removal of extra- excavated earth from the site. This work includes all labour and material as directed by Engineer-in-charge.

20. Technical Specification for Item No. 20:

This includes supply at site, laying, fixing and connecting of G.I wire of size 8 SWG from earth station/existing earthing system to Junction Boxes/Distribution Boards/lighting accessories etc. as directed. The 8 SWG earth wire shall be passed through conduit pipe.

Superintending Engineer (E)
Deendayal Port Trust

Make List for Electrical Items		
Sr. No.	Description	Recommended Makes
1	HV VCB	SIEMENS / CROMPTON GREAVES/ABB/Schneider
1(a)	HV Gas Insulated Breakers	SIEMENS /Schneider/ABB
2	POWER TRANSFORMERS	VOLTAMP/CROMPTON GREAVES /BHARAT BIJLEE/ BHEL/ SIEMENS/ABB/ Schneider/T&R
3	DISTRIBUTION TRANSFORMERS	EMCO/KIRLOSKAR/PATSON/VOLTAMP/ ABB/Schneider/T&R
4	RESIN CAST TRANSFORMERS	
	A) RESIN CAST IMPREGNATED	VOLTAMP / KIRLOSKAR / EMCO
	B) DRY CAST	VOLTAMP/KIRLOSKAR/EMCO
5	HT XLPE CABLES	POLYCAB/TORRENT/RPG ASIAN/NICCO/GLOSTER/ UNISTAR/ UNIVERSAL
6	LT XLPE CABLES	POLYCAB/TORRENT/ RALLISON/ PRIMECAB/ HAVELLS/ UNISTAR/ AVOCAB/ ALLCAB / ADCAB
7	LT ACB	SIEMENS/L&T/SCHNEIDER/C&S
8	PROTECTION RELAYS	AREVA/L&T/SIEMENS/ABB/C&S
9	LT PANEL	CPRI APPROVED
10	CHANGE OVER SWITCH	SIEMENS /L&T/ ABB/C&S/ SCHNIDER/ LEGRAND / INDOASIAN
11	SFU FOR MAIN LT DISTRIBUTION PANELS	SIEMENS/L&T/ABB/C&S
12	SFU FOR DISTRIBUTION PANELS & FEEDER PILLERS	SIEMENS/L&T/ABB/C&S/ SCHNEIDER/ LEGRAND/ INDOASIAN/HAVELLS
13	MCCB FOR MAIN LT DISTRIBUTION PANELS	SIEMENS/L&T/ABB
14	MCCB FOR DISTRIBUTION PANELS AND FEEDER PILLERS	SIEMENS/L&T/ABB/C&S/ SCHNIDER/ LEGRAND/ INDOASIAN/HAVELLS

15	MCB/ELCB/RCCB/ RCCBO FOR MAIN LT DISTRIBUTION PANELS	SIEMENS/HAGER L&T/ABB
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16	MCB FOR DISTRIBUTION PANELS AND FEEDER PILLERS	SIEMENS/L&T/ABB/C&S/ SCHNEIDER/ LEGRAND/ INDOASIAN/ HAVELLS/ STANDARD
17	MCB DISTRIBUTION BOARD	STANDARD / HENSEL/LEGRAND / INDOASIAN / HAVELLS
18	MULTI FUNCTION DIGITAL METER FOR MAIN LT DISTRIBUTION PANELS/DIGITAL KWH METERS	L&T/ENERCON/SECURE/L&G/ RISHABH
19	ANALOG VOLT/AMPARE METER FOR DISTRIBUTION PANELS AND FEEDER PILLERS	RISHABH/AE/ENERCON/L&T
20	SELECTOR SWITCH FOR VOLTMETER/AMPARE METER	L&T/SIEMENS/C&S
21	POWER CONTACTOR & OVER LOAD RELAYS	L&T/SIEMENS/ABB
22	QUARTZ TIME CLOCK SWITCH	L&T/INDOASIAN/SIEMENS
23	PVC WIRE WITH COPPER CONDUCTOR	RRKABEL/KEI/POLYCAB/MILEX/GUJCAB/ STANDARD/ FINOLEX/ ANCHOR
24	FLUSH TYPE SWITCHES, SOCKETS, HOLDERS AND CEILING ROSES & ELECTRONIC REGULATORS	ANCHOR/MK/NORTHWEST/VINAY/PAN AMA/HAVELLS
25	DOOR BELLS/CALL BELLS	ANCHOR/LEGEND/MK/NORTHWEST
26	MODULAR SWITCHES, SOCKETS, PLATES & BOXES	ANCHOR / MK / NORTHWEST / LEGRAND /HAVELLS/ INDOASIAN/ SIEMENS
27	PVC CONDUIT/OVAL CONDUIT & CASSING CAPPING AND ACCESSORIES	PRECISION/VULCAN/FINOLEX/ GARWARE/ RESTOPLAST/ SWASTIK/ BPI
28	GLS LAMPS & FLUORESCENT LAMPS	PHILIPS / BAJAJ / WIPRO / CROMPTON GREAVES / OSRAM / SURYA ROSHNI /GE
29	HPSV, HPMV & METAL HELIDE LAMPS	PHILIPS / BAJAJ / WIPRO / CROMPTON GREAVES / OSRAM / SURYA ROSHNI /GE

30	IGNITORS FOR HPSV, METAL HELIDE LAMPS	PHILIPS / BAJAJ / WIPRO / CROMPTON GREAVES / OSRAM / SURYA ROSHNI /GE
31	LUMINARIES	PHILIPS/BAJAJ/WIPRO/CROMPTON GREAVES / OSRAM / SURYA ROSHNI /GE
31a	LED Luminaries	Philips / Bajaj /Wipro /CG /Surya /Pyrotech /Syska /Nessa having surge Protection $\geq 10KV$ for fittings & internal Surge protection for Driver of $\geq 4KV$, LED Chip only OSRAM/CREE/Philips Lumileds/Citizen/Nicia with LM-79,80 CERTIFICATION
32	CEILING FANS	BAJAJ/ORIENT/USHA/CROMPTON GREAVES / ALMONARD/GEC
33	WALL MOUNTING FANS	BAJAJ/ORIENT/USHA/CROMPTON GREAVES / ALMONARD/GEC
34	EXHUAST FANS	BAJAJ/ORIENT/USHA/CROMPTON GREAVES / ALMONARD/GEC
35	HEAVY DUTY INDUSTRIAL WALL MOUNTING FANS	BAJAJ/ORIENT/USHA/CROMPTON GREAVES / ALMONARD/GEC
36	WATER COOLER	VOLTAS/SHRIRAM USHA/BLUE STAR
37	AIR CONDITIONERS	VOLTAS/CARRIER/BLUESTAR/USHA/ HITACHI/LG/ SAMSUNG/ONIDA
38	REFRIGERATORS	VOLTAS/CARRIER/BLUESTAR/USHA/ HITACHI/LG/ SAMSUNG/WHIRLPOOL
39	VOLTAGE STABILIZER	VEELINE / CAPRI
40	INVERTERS	SUKAM / MICROTEK
41	D.G. SETS A) ENGINE B) ALTERNATOR	CUMMINS/GREAVES/KIRLOSKAR/ CATERPILLAR/ ASHOK LEYLAND/VOLVO STAMFORD/CROMPTON GREAVES /JYOTI/ KIRLOSKAR ELECTRIC
42	ELECTRIC MOTOR	ALSTOM/CROMPTON GREAVES /SIEMENS/ KIRLOSKAR/ABB

43	WATER PUMPS	SWASTIK / KSB
44	WATER GEYSER	BAJAJ/USHA / CROMPTON GREAVES / SPHEREHOT / RACOLD
45	LUGS & CABLE GLANDS	DOWELLS / JAINSON / BRACO
46	HIGH MAST / OCTAGONAL POLE	PHILIPS / BAJAJ / CROMPTON GREAVES / UTKARSH / AMBICA / IMPRESSION EQUIPMENT / VENTURA / TRANSRAIL / JETCOTECH / UNITED AGENCIES / R.R. ISPAT

**Signature & Seal
Of Contractor**

**Sd/-
Executive Engineer (Elect.)
Deendayal Port Authority**