

DEENDAYAL PORT AUTHORITY



Mechanical Engineering Department

Electrical Division

Tender No. EL/AC/2766

Annual Rate Contract for Supply & Laying of HT/LT underground Cables, HT/LT Cable fault finding at inside and outside Cargo Jetty Area

Executive Engineer (E)
Electrical Division
Deendayal Port Authority
7, Ground Floor,
Port & Custom Building,
New Kandla – 370 210.
Phone No. (02836) 270209/270342
Fax No. (02836) 270184/271010

Notice No. EL/AC/2766

Name of work	Annual Rate Contract for Supply & Laying of HT/LT underground Cables, HT/LT Cable fault finding at inside and outside Cargo Jetty Area																								
Estimated cost put to tender	Rs. 5,31,29,300.00																								
Tender fee :	<p>Rs. 5,000 + 900 (GST) Present rate of GST is 18%</p> <p>Through on line transfer in PNB bank account no. 2177000100022538 - Deendayal Port Authority - (IFSC code PUNB0217700). Scanned copy of RTGS no. and date of transfer may be uploaded on (n) procure website.</p> <p>In case of Micro and Small Enterprise (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 shall become eligible for exemption from payment of Tender fee/EMD. Such bidder shall upload the scanned copy of valid certificate in preliminary bid.</p> <table border="1"> <thead> <tr> <th>Level</th><th>Description</th></tr> </thead> <tbody> <tr> <td>Section – F</td><td>CONSTRUCTION</td></tr> <tr> <td>Division – 42</td><td>CIVIL ENGINEERING</td></tr> <tr> <td>Group - 422</td><td>Construction of utility projects</td></tr> <tr> <td>Class – 4220</td><td>Construction of utility projects</td></tr> <tr> <td>Sub Class - 42202</td><td>Construction/erection and maintenance of power, telecommunication and transmission lines</td></tr> </tbody> </table> <p>or</p> <table border="1"> <thead> <tr> <th>Level</th><th>Description</th></tr> </thead> <tbody> <tr> <td>Section – D</td><td>ELECTRICITY, GAS, STEAM AND AIRCONDITION SUPPLY</td></tr> <tr> <td>Division – 35</td><td>ELECTRICITY, GAS, STEAM AND AIRCONDITION SUPPLY</td></tr> <tr> <td>Group - 351</td><td>Electric power generation, transmission and distribution</td></tr> <tr> <td>Class – 3510</td><td>Electric power generation, transmission and distribution</td></tr> <tr> <td>Sub Class - 35109</td><td>Collection and distribution of electric energy to households, industrial, commercial and other users n.e.c.</td></tr> </tbody> </table>	Level	Description	Section – F	CONSTRUCTION	Division – 42	CIVIL ENGINEERING	Group - 422	Construction of utility projects	Class – 4220	Construction of utility projects	Sub Class - 42202	Construction/erection and maintenance of power, telecommunication and transmission lines	Level	Description	Section – D	ELECTRICITY, GAS, STEAM AND AIRCONDITION SUPPLY	Division – 35	ELECTRICITY, GAS, STEAM AND AIRCONDITION SUPPLY	Group - 351	Electric power generation, transmission and distribution	Class – 3510	Electric power generation, transmission and distribution	Sub Class - 35109	Collection and distribution of electric energy to households, industrial, commercial and other users n.e.c.
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Integrity Pact	Integrity Pact agreement duly signed by the bidder and two witnesses (witnesses sign also to be obtained by the bidder) is also required to be submitted in preliminary bid.	
Last date of downloading	26/05/2023 upto 14:00Hrs.	
Last date and time of submission of E-tender	26/05/2023 upto 14:30 Hrs. only on website https://kpt.nprocure.com	
Pre-bid meeting	Not Applicable	
Date and time for opening of E-tender	26/05/2023 at 15:00 Hrs.	
Downloading websites	https://kpt.nprocure.com , http://www.deendayalport.gov.in as well as http://www.eprocure.gov.in .	
Corrigendum, if any, will be uploaded on websites only.		

Executive Engineer (E)
Deendayal Port Authority

Notice Inviting ON LINE TENDER

Department Name	Mechanical Engineering Department
Circle/ Division	Electrical Division, Port & Customs Building, Ground Floor, New Kandla-(Kutch)-370210
Tender Notice No.	EL/AC/2766
Name of Project	Annual Rate Contract for Supply & Laying of HT/LT underground Cables, HT/LT Cable fault finding at inside and outside Cargo Jetty Area
Name of Work	Annual Rate Contract for Supply & Laying of HT/LT underground Cables, HT/LT Cable fault finding at inside and outside Cargo Jetty Area
Estimated Contract Value (INR)	Rs. 5,31,29,300. 00/-
Period of Completion (in Months)	24 months from the date of issue of Work Order
Bidding Type	Open
Bid Call (Nos.)	One
Tender Currency Type	Single
Tender Currency Settings	Indian Rupee (INR)
Qualifying Criteria:	<p>PRE-QUALIFICATION CRITERIA FOR ELIGIBLE BIDDERS:</p> <p>The Bidders shall fulfill the following pre-qualification criteria:</p> <p>a) Average Annual financial turnover during the last 3 years, ending 31st March of the previous financial year, should be at least Rs. 159.39 Lakhs Certified by Chartered Accountant.</p> <p>b) Experience of having successfully completed similar works during last 7 years ending last day of month previous to the one in which applications are invited should be either of the following:</p> <p>i) Three similar completed works each costing not less than the amount equal to Rs. 212.52 Lakhs Or</p> <p>ii) Two similar completed works each costing not less than the amount equal to Rs. 265.65 Lakhs Or</p> <p>iii) One similar completed work costing not less than the amount equal to Rs. 425.03 Lakhs</p> <p>IMPORTANT:</p> <p>(i) In case a work is started prior to 07 (seven) years, ending last day of month previous to the one in which tender is invited, but completed in last 07 (seven) years, ending last day of month previous to the one in which tender is invited, the completed work shall be considered for fulfilment of credentials.</p> <p>(ii) If a work is physically completed and completion certificate to this extent is issued by the concerned organization but final bill is pending, such work shall be considered for fulfilment of credentials.</p> <p>(iii) If a part or a component of work is completed but the overall scope of contract is not completed, such work shall not be considered for fulfilment of technical credentials even if the cost of</p>

part completed work/component is more than required for fulfilment of credentials.

(iv) In case a work is considered similar in nature for fulfilment of technical credentials, the overall cost of that work shall be considered and no separate evaluation for each component of that work shall be made to decide eligibility.

(v) For single completed work category, it should be Similar as per tender fulfilling the financial criteria. For two completed work category, at least one work shall be similar fulfilling the financial criteria and other shall be HT or LT work fulfilling the financial criteria. For three completed work category, at least one work shall be similar fulfilling the financial criteria and remaining two works shall be HT or LT work fulfilling the financial criteria.

c) In Case the similar work has been issued for any private body, the bidder will be required to produce the tax deducted at source (TDS) certificate indicating the income tax deducted by the client for that work, which will form the basis for assessing the value of completed work.

IMPORTANT:

(i) The particular row in the TDS certificate (Form 16 or Form 26A), which indicates the credit of the payment received from the client, should be highlighted.

(ii) Along with the TDS certificate, a declaration on the letter head of a Chartered Accountant should be submitted giving details such as the name of bidder, the name of the client for which the bidder has carried out the work, name of work, work order no. and date, gross amount of the payment, net amount received from the client, TDS amount. The statement should be signed by the Chartered Accountant.

(iii) In case any discrepancies between the TDS (Form 16 or Form 26A) and the declaration given by the Chartered Accountant with regard to payment received from the client, it should be explained.

d) 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:

Assessed Available Bid capacity = $A \times N \times 2 - B$,

Where,

"N" = Number of years prescribed for completion of the subject contract.

"A" = Maximum value of works executed in any one year during last seven years (at current price level).

"B" = Value at current price level of existing commitments and on-going works to be completed in the next 'N' years.

The Bidder shall furnish statements showing the value of existing commitments and on-going 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.

IMPORTANT: a) The value of annual turnover is not to be considered towards "A" as mentioned in the formula.

	b) The information may be provided as per the format given at Section-IX.																								
Similar works	<p>“Rate contract /SITC/AMC of 11 KV or above underground cables along with associated electrical works carried out in any Govt./PSU/Private Organization.”</p> <p>Note: In case of a single project, where, different work orders for different activities have been issued by single agency, such work shall be considered.</p>																								
Joint Venture	Not Allowed																								
Rebate	Not applicable																								
Bid Document Fee:	<p>Through on line transfer in PNB bank account no. 2177000100022538 - Deendayal Port Authority - (IFSC code PUNB0217700). Scanned copy of RTGS no. and date of transfer may be uploaded on (n) procure website.</p> <p>In case of Micro and Small Enterprise (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 shall become eligible for exemption from payment of Tender fee/EMD. Such bidder shall upload the scanned copy of valid certificate in preliminary bid.</p> <table border="1"> <thead> <tr> <th>Level</th><th>Description</th></tr> </thead> <tbody> <tr> <td>Section – F</td><td>CONSTRUCTION</td></tr> <tr> <td>Division – 42</td><td>CIVIL ENGINEERING</td></tr> <tr> <td>Group – 422</td><td>Construction of utility projects</td></tr> <tr> <td>Class – 4220</td><td>Construction of utility projects</td></tr> <tr> <td>Sub Class - 42202</td><td>Construction/erection and maintenance of power, telecommunication and transmission lines</td></tr> </tbody> </table> <p>or</p> <table border="1"> <thead> <tr> <th>Level</th><th>Description</th></tr> </thead> <tbody> <tr> <td>Section – D</td><td>ELECTRICITY, GAS, STEAM AND AIRCONDITION SUPPLY</td></tr> <tr> <td>Division – 35</td><td>ELECTRICITY, GAS, STEAM AND AIRCONDITION SUPPLY</td></tr> <tr> <td>Group - 351</td><td>Electric power generation, transmission and distribution</td></tr> <tr> <td>Class – 3510</td><td>Electric power generation, transmission and distribution</td></tr> <tr> <td>Sub Class - 35109</td><td>Collection and distribution of electric energy to households, industrial, commercial and other users n.e.c.</td></tr> </tbody> </table>	Level	Description	Section – F	CONSTRUCTION	Division – 42	CIVIL ENGINEERING	Group – 422	Construction of utility projects	Class – 4220	Construction of utility projects	Sub Class - 42202	Construction/erection and maintenance of power, telecommunication and transmission lines	Level	Description	Section – D	ELECTRICITY, GAS, STEAM AND AIRCONDITION SUPPLY	Division – 35	ELECTRICITY, GAS, STEAM AND AIRCONDITION SUPPLY	Group - 351	Electric power generation, transmission and distribution	Class – 3510	Electric power generation, transmission and distribution	Sub Class - 35109	Collection and distribution of electric energy to households, industrial, commercial and other users n.e.c.
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Bid Document Downloading Start Date	26/04/2023												
Bid Document Downloading End Date	26/05/2023 up to 14:00 Hrs.												
Date & Place of Pre Bid Meeting	N/A												
Last Date & Time for Receipt of Bids	26/05/2023 @ 14:30 Hrs.												
Bid Validity Period	120 Days												
Condition	<p>a) Tender Fee shall be submitted Through on line transfer in PNB bank account no. 2177000100022538 - Deendayal Port Authority - (IFSC code PUNB0217700). Scanned copy of RTGS no. and date of transfer may be uploaded on (n) procure website.</p> <p>In case of Micro and Small Enterprise (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 shall become eligible for exemption from payment of Tender fee/EMD. Such bidder shall upload the scanned copy of valid certificate in preliminary bid.</p> <table><tr><th>Level</th><th>Description</th></tr><tr><td>Section – F</td><td>CONSTRUCTION</td></tr><tr><td>Division – 42</td><td>CIVIL ENGINEERING</td></tr></table>	Level	Description	Section – F	CONSTRUCTION	Division – 42	CIVIL ENGINEERING						
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	<p>c) Integrity Pact agreement duly signed by the bidder and two witnesses (witness sign also to be obtained by the bidder) is also required to be submitted in preliminary bid.</p> <p>NOTE:- Accordingly, offer of those bidders shall only be opened whose EMD, Tender Fee and Integrity pact (duly signed by bidder and witnesses) are received electronically.</p>																								
Remarks	The hard copies should reach to the Electrical Division within 07 days from the last date of opening of preliminary bid.																								
Bid Opening Date	Preliminary Bid will be opened on 26/05/2023 @ 15:00 Hrs. Date of opening of price bid shall be notified after scrutiny and 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) Tender fees plus GST: Through on line transfer in PNB bank account no. 2177000100022538 - Deendayal Port Authority - (IFSC code PUNB0217700). Scanned copy of RTGS no. and date of transfer may be uploaded on (n) procure website.</p> <p>In case of Micro and Small Enterprise (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 shall become eligible for exemption from payment of Tender fee/EMD. Such bidder shall upload the scanned copy of valid certificate in preliminary bid.</p> <table border="1"> <thead> <tr> <th>Level</th><th>Description</th></tr> </thead> <tbody> <tr> <td>Section – F</td><td>CONSTRUCTION</td></tr> <tr> <td>Division – 42</td><td>CIVIL ENGINEERING</td></tr> <tr> <td>Group - 422</td><td>Construction of utility projects</td></tr> <tr> <td>Class – 4220</td><td>Construction of utility projects</td></tr> <tr> <td>Sub Class - 42202</td><td>Construction/erection and maintenance of power, telecommunication and transmission lines</td></tr> </tbody> </table> <p>or</p> <table border="1"> <thead> <tr> <th>Level</th><th>Description</th></tr> </thead> <tbody> <tr> <td>Section – D</td><td>ELECTRICITY, GAS, STEAM AND AIRCONDITION SUPPLY</td></tr> <tr> <td>Division – 35</td><td>ELECTRICITY, GAS, STEAM AND AIRCONDITION SUPPLY</td></tr> <tr> <td>Group - 351</td><td>Electric power generation, transmission and distribution</td></tr> <tr> <td>Class – 3510</td><td>Electric power generation, transmission and distribution</td></tr> <tr> <td>Sub Class - 35109</td><td>Collection and distribution of electric energy to households, industrial, commercial and other users n.e.c.</td></tr> </tbody> </table> <p>c) EMD: In the form of Bank Guarantee of Nationalised/Scheduled Bank (except Co-operative bank) having its branch at Gandhidham in favour of Deendayal Port Authority, Gandhidham. Scanned copy to be uploaded on (n) procure website while uploading the bid.</p> <p>In case of Micro and Small Enterprise (MSEs) holding valid certificate issued by any agencies/organization under The Ministry of Micro,</p>	Level	Description	Section – F	CONSTRUCTION	Division – 42	CIVIL ENGINEERING	Group - 422	Construction of utility projects	Class – 4220	Construction of utility projects	Sub Class - 42202	Construction/erection and maintenance of power, telecommunication and transmission lines	Level	Description	Section – D	ELECTRICITY, GAS, STEAM AND AIRCONDITION SUPPLY	Division – 35	ELECTRICITY, GAS, STEAM AND AIRCONDITION SUPPLY	Group - 351	Electric power generation, transmission and distribution	Class – 3510	Electric power generation, transmission and distribution	Sub Class - 35109	Collection and distribution of electric energy to households, industrial, commercial and other users n.e.c.
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Officer- Inviting Bids:	Executive Engr. (E), Electrical Division, Port & Custom Building, Ground Floor, New Kandla-(Kutch)-370210																								
Bid Opening Authority :	Executive Engineer (E)																								
Address:	Executive Engr.(E), Electrical Division, Port & Custom Building, Ground Floor, New Kandla-(Kutch)-370210																								
Contact Details :	Executive Engr. (E), Electrical Division, Port & Custom Building, Ground Floor, New Kandla (Kutch)-370210 Phone: 02836-270209, 270342. Mob. No. 98252 27048 Fax No. 02836 270184.																								

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, Ahmadabad – 380054 (Gujarat)

Contact Details:

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

BSNL: +91-79-26854511, 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)

**Executive Engineer. (E)
Deendayal Port Authority**

Section – I

Instructions to Bidders

A. General

1. Scope of Bid

- 1.1 The Executive Engineer (Electrical), Deendayal Port Authority invites bids by E-Tendering from the interested eligible bidder for the work as mentioned in the notice inviting online tender. All bids shall be completed and submitted on-line in accordance with instruction to the bidders.
- 1.2 The successful bidder will be expected to complete the works by the intended completion period.

2. Source of funds

- 2.1 The employer has arranged the funds from the internal resources and will have sufficient funds in India Currency for execution of the work.

3. Eligible Bidders

Only eligible bidders fulfilling all the requirements as mentioned in the Notice Inviting Online Tender may participate in the subject Tender. Successful completion of “Similar Works” only shall be considered for evaluation of eligibility criteria.

- 3.1 The invitation for Bids is open to all eligible bidders meeting the eligibility criteria as defined in clause regarding Eligibility Criteria.
- 3.2 All bidders shall fill the forms provided in Section – IV- Part – I “To be submitted by Bidders with their Bids”.
- 3.3 Government owned enterprises may 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.

4. Eligibility Criteria:

4.1 (I) The Bidders shall fulfill the following pre-qualification criteria:

Sr. No	Particulars	Supporting Documents
(A)	Average Annual financial turnover during the last 3 years, ending 31 st March of the previous financial year, should be at least Rs. 159.39 Lakhs certified by Chartered Accountant.	Certificate should be issued by the Chartered Accountant.
(B)	Experience of having successfully completed similar works during last 7 years ending last day of month previous to the one in which applications are invited should be either of the following: 1. Three similar completed works each costing not less than the amount equal to Rs. 212.52.Lakhs Or 2. Two similar completed works each costing not less than the amount equal to Rs. 265.65 Lakhs Or 3. One similar completed work costing not less than the amount equal to Rs. 425.03 lakhs	(i) A copy of the completion certificate in respect of the successfully completed similar work. (b) A copy of detail work order should also be submitted for which the bidder is submitting the completion certificate. Such completion certificate should be issued on the letter head of the client and invariably reflect the following details:- (ii) Name of Contractor (2) Name of Work (3) No. of work order/agreement and date (4) Contract value (5) Contract period (6) Date of commencement of work (7) Date of completion (8) Value of Work executed during the contract period/original contract period(9) Date of issue of completion certificate.

		<p>IMPORTANT:</p> <p>(i) In case a work is started prior to 07 (seven) years, ending last day of month previous to the one in which tender is invited, but completed in last 07 (seven) years, ending last day of month previous to the one in which tender is invited, the completed work shall be considered for fulfilment of credentials.</p> <p>(ii) If a work is physically completed and completion certificate to this extent is issued by the concerned organization but final bill is pending, such work shall be considered for fulfilment of credentials.</p> <p>(iii) If a part or a component of work is completed but the overall scope of contract is not completed, such work shall not be considered for fulfilment of technical credentials even if the cost of part completed work/component is more than required for fulfilment of credentials.</p> <p>(iv) In case a work is considered similar in nature for fulfilment of technical credentials, the overall cost of that work shall be considered and no separate evaluation for each component of that work shall be made to decide eligibility.</p> <p>(v) For single completed work category, it should be Similar as per tender fulfilling the financial criteria. For two completed work category, at least one work shall be similar fulfilling the financial criteria and other shall be HT or LT work fulfilling the financial criteria. For three completed work category, at least one work shall be similar fulfilling the financial criteria and remaining two works shall be HT or LT work fulfilling the financial criteria.</p> <p>c) In Case the similar work has been issued for any private body, the bidder will be required o produce the tax deducted at source (TDS) certificate indicating the income tax deducted by the client for that work, which will form the basis for assessing the value of completed work.</p> <p>IMPORTANT:</p> <p>(i) The particular raw in the TDS certificate (Form 16 or Form 26A), which indicates the credit of the payment received from the client, should be highlighted.</p> <p>(ii) Along with the TDS certificate, a declaration on the letter head of a Chartered Accountant should be submitted giving details such as the name of bidder, the name of the client for which the bidder has carried out the work, name of work, work order no. and date, gross amount of the payment, net</p>
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		<p>amount received from the client, TDS amount. The statement should be signed by the Chartered Accountant.</p> <p>(iii) In case any discrepancies between the TDS (Form 16 or Form 26A) and the declaration given by the Chartered Accountant with regard to payment received from the client, it should be explained.</p>																								
(C)	Similar Work	<p>“Rate contract /SITC/AMC of 11 KV or above underground cables along with associated electrical works carried out in any Govt./PSU/Private Organization.”</p> <p>Note: In case of a single project, where, different work orders for different activities have been issued by single agency, such work shall be considered.</p>																								
(D)	<p>Assessed Available Bid capacity = $A \times N \times 2 - B$, Where, “N” = Number of years prescribed for completion of the subject contract. “A” = Maximum value of works executed in any one year during last seven years (at current price level). “B” = Value at current price level of 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.</p> <table><tr><td>Financial Year</td><td>21-22</td><td>20-21</td><td>19-20</td><td>18-19</td><td>17-18</td><td>16-17</td><td>15-16</td></tr><tr><td>Index</td><td>139.4</td><td>123.4</td><td>121.8</td><td>119.8</td><td>114.9</td><td>111.6</td><td>109.7</td></tr><tr><td>Multiplying Factor</td><td>1</td><td>1.13</td><td>1.14</td><td>1.16</td><td>1.21</td><td>1.25</td><td>1.27</td></tr></table> <p>The Bidder shall furnish 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.</p> <p>IMPORTANT: a) The value of annual turnover is not to be considered towards “A” as mentioned in the formula. b) The information may be provided as per the format given at Section-IX.</p>		Financial Year	21-22	20-21	19-20	18-19	17-18	16-17	15-16	Index	139.4	123.4	121.8	119.8	114.9	111.6	109.7	Multiplying Factor	1	1.13	1.14	1.16	1.21	1.25	1.27
Financial Year	21-22	20-21	19-20	18-19	17-18	16-17	15-16																			
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Multiplying Factor	1	1.13	1.14	1.16	1.21	1.25	1.27																			

INSTRUCTIONS FOR UPLOADING OF SCANNED DOCUMENT ON BIDDING PORTAL		
Sr. No.	Instruction	Precautions
1	<p>There should not be any bulk scanning and uploading of all bidding documents.</p> <p>For example, along with work/supply order its related documents such as completion certificate and performance certificate can be bulk scanned and uploaded by giving specific name of the documents e.g. name of client. In case along with the documents related to similar work experience, the bidder also scans and includes annual average turn over certificate and uploads it, DPA will not be responsible for finding and tracing out the same in all the scanned documents uploaded by the bidder on (n) procure bidding portal.</p> <p>Every document should be specifically named and separately uploaded for its identification.</p>	<p>The required bidding document should be scanned in high quality pdf. The scanned copy should be clear and visible.</p> <p>No unrelated document should be scanned and included with the specific set of scanned document.</p> <p>Every document should be specifically named and separately uploaded for its identification.</p>
2	<p>The document related to techno-financial criteria should invariably be scanned and uploaded on (n) procure bidding portal.</p> <p>Techno-financial qualification will be done on the basis of documents uploaded on bidding portal only.</p>	<p>The required bidding document should be scanned in high quality pdf. The scanned copy should be clear and visible.</p> <p>The scanned pdf file should invariably be given specific name for its identification e.g. turn over certificate, average annual turnover certificate etc.</p> <p>Every document should be specifically named and separately uploaded for its identification.</p>

4.2 All bidders shall scan and forward the following information and documents with their bids.

- 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 similar works performed for each of the last seven years ending last day of month previous the one in which applications are invited.
- c. Experience in works of a similar nature and size for each of the last seven years, and details of works underway or contractually committed, and Employers who may be contacted for further information on those contracts.
- d. Reports on the financial standing of the Bidder, such as profit and loss statements and auditor's reports for the past three years ending 31st March of the previous financial year.
- e. Duly filled Forms mentioned in Section – IV- Part – I.
- f. PAN, Registration with GST, Provident Fund Authorities.
- g. Valid Electrical Contractor License issued by respective State.
- h. EMD = In the form of Bank Guarantee of Nationalised/Scheduled Bank (except Co-operative bank) having its branch at Gandhidham **in favour of Deendayal Port Authority, Gandhidham**. Scanned copy to be uploaded on (n) procure website while uploading the bid.

In case of Micro and Small Enterprise (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 shall become eligible for exemption from payment of Tender fee/EMD. Such bidder shall upload the scanned copy of valid certificate in preliminary bid.

Level	Description
Section – F	CONSTRUCTION
Division – 42	CIVIL ENGINEERING
Group - 422	Construction of utility projects
Class – 4220	Construction of utility projects
Sub Class - 42202	Construction/erection and maintenance of power, telecommunication and transmission lines

or

Level	Description
Section – D	ELECTRICITY, GAS, STEAM AND AIRCONDITION SUPPLY
Division – 35	ELECTRICITY, GAS, STEAM AND AIRCONDITION SUPPLY
Group - 351	Electric power generation, transmission and distribution
Class – 3510	Electric power generation, transmission and distribution
Sub Class - 35109	Collection and distribution of electric energy to households, industrial, commercial and other users n.e.c.

i. Tender fee = Through on line transfer in PNB bank account no. 2177000100022538 - Deendayal Port Authority - (IFSC code PUNB0217700). Scanned copy of RTGS no. and date of transfer may be uploaded on (n) procure website . In case of Micro and Small Enterprise (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 shall become eligible for exemption from payment of Tender fee/EMD. Such bidder shall upload the scanned copy of valid certificate in preliminary bid.

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j. Information regarding any litigation, current or during the last five years, in which the Bidder is involved, the parties concerned, and disputed amount.

- k. A certificate by the bidder that they have not been banned / black listed by any govt. Agency.
 - l. Power of attorney (dully accompanied by resolution of Board in case of company).
 - m. Qualifications and experience of key site management and technical personnel proposed for the contract.
 - n. The proposed methodology and program of work, backed with equipment planning and deployment, duly supported with broad calculations and quality control procedures proposed to be adopted justifying their capability of execution and completion of the work as per technical specifications within the stipulated period of completion as per milestones.
 - o. The completion certification should invariably mention the reference no. of work order, the date of completion and contract value.
 - p. The copy of the work order should also be submitted for which the bidder is submitting completion certificate.
 - q. In case the similar work has been executed for any private body, the bidder will be required to produce the tax deducted at source (TDS) certificate indicating the income tax deducted by the client for that work, which will form the basis for assessing the value of completed work.
 - r. Bidders should give an undertaking letter duly stating that the documents submitted by them in support of their credentials are genuine and DPA is at liberty to take any action against the bidder if the said documents are found to be non-genuine.
 - s. Bidders should give an undertaking that they will comply to the specifications of the work including terms and conditions in total without any deviation.
- 4.3 Even though the bidder meets 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 of poor performance such as abandoning the works, non – completion of the contract.

5. One Bid per Bidder

- 5.1 Each bidder shall submit only one bid. A bidder who submits more than one Bid will cause all the proposals with the Bidder's participation to be disqualified and the bidder can be disqualified for bidding of any contract with DPA for a period of 03 years/forfeiture of EMD.

6. Joint Venture (Modified as per clause no. 1 of Section-III):

In case of association in the form of consortium or joint venture agreement, the members of the association shall nominate one of the members as "lead partner" for participating in the tender and signing all the documents related therewith up to signing of agreement and execution of all the contractual obligations there after (in case of award of contract). All the partners of the association must also, jointly and severally, be responsible for satisfactory execution and performance of the contract. The firms with at least 26% equity holding each are allowed to jointly meet the legibility criteria.

7. Cost of Bidding

- 7.1 The Bidder shall bear all costs associated with the preparation and submission of its Bid and employer will in no case be responsible and liable for those costs regardless of the conduct or outcome of the bidding process.

8. Site Visit

- 8.1 The Bidder, at his own responsibility and risk is encouraged to visit and examine the site of work and its surroundings and obtain all information that may be necessary for preparing the Bid and entering into a contract for the works. The costs of visiting the site shall be at the Bidders' own expense.

B. Bidding Documents

9. Content of Bidding Documents

9.1 The set of bidding documents comprises the documents listed in the below and addenda issued in accordance with clause 9:

Invitation for Bids (NIT)

- Bid Reference No. EL/AC/2766
- NIT : Invitation for Bids
- Section I : Instruction to Bidders
- Section II : General Conditions of Contract
- Section III : Special Conditions of Contract
- Section IV : Forms of Bid
- Section V : Scope of Work & Technical Specifications
- Section VI : Bill of Quantities
- Section VII : Drawing (Not Applicable)
- SECTION VIII : Approved Make list of electrical items
- SECTION IX : Format for submitting information for bid capacity

9.2 The bidding documents shall be downloaded. The documents should be completely filled and submitted through online E – Tendering process.

9.3 The bidder is expected to examine carefully all instructions, conditions of contract, forms, terms, technical specifications, bill of quantities, in the bid document. Failure to comply with the requirements of the bid document shall be at the bidder's own risk. Bids which are not substantially responsive to the requirements of the tender documents shall be rejected.

10. Clarifications of the Bidding Documents

10.1 A prospective bidder requiring any clarification of the bidding documents may notify the employer in writing. The employer may respond to any request for clarification which are received within seven days prior to date of pre-bid meeting. The clarifications shall be uploaded on Website <https://kpt.nprocure.com>, <http://www.deendayalport.gov.in> as well as <http://www.eprocure.gov.in>.

10.2 Pre–Bid meeting (Not Applicable)

10.2.1 The bidder or his official representative may attend pre-bid meeting to be held on __/__/2023 @ 15:00 Hrs. in the Old Board Room, A.O. Building, Gandhidham. The bidders/representative of bidders who wish to attend the Pre-Bid meeting shall furnish the authority letter on the letter head of Bidder, for attending the Pre-Bid Meeting on behalf of bidder at the time of Pre-Bid Meeting.

10.2.2 The purpose of the meeting will be to clarify issues related to work and tender conditions.

10.2.3 Pre – Bid clarifications will be uploaded in <https://kpt.nprocure.com>, <http://www.deendayalport.gov.in> as well as <http://www.eprocure.gov.in> website without disclosing source of enquiry.

10.2.4 Non-attendance at the pre-bid meeting will not be a cause for disqualification of a bidder.

10.2.5 At any time prior to the deadline for submission of Bids, employer may, for any reason, whether at its own initiative or in response to a clarification sought by any prospective bidder, modify the bidding documents by amendment / addendum.

10.2.6 Those bidders who download the tender document from the website shall be solely responsible to check the web site for the amendment issued in shape of Corrigendum and/or Addendum.

11. Language of Bid

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

12. Documents comprising the Bid

The bid submitted by the bidder shall comprise the following:

A) Technical Bid:

- i) EMD , Tender Fees and Integrity pact (duly signed by bidder and witnesses) shall be submitted in preliminary bid.
- ii) Qualification information in accordance to clause of **Eligibility Criteria** shall be submitted.

B) Financial Bid:

- (i) Bill of Quantities duly filled and digitally signed by bidder.

13. Bid Prices

13.1 The rates and prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

13.2 The prices shall be quoted inclusive of all Taxes, (except GST), Duties, and other incidentals charges like Transportation, Loading, Unloading, Boarding & Lodging, insurance etc. and should remain firm till completion of work.

14. Currencies of Bid and Payment

The unit rates and the prices shall be quoted by the bidder in Indian Rupees only.

15. Bid Validity

15.1 Bids shall remain valid for a period of 120 days from the date of opening of the Technical Bid. 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 the bidders to extend the period of validity for additional period. The request and the bidders' responses shall be made in writing. A bidder may refuse the request for which EMD, if any, will not be forfeited.

15.3 A bidder agreeing to the request will not be permitted to modify his bid.

16. Bid Security

16.1. EARNEST MONEY DEPOSIT (EMD)

The tender shall be accompanied by Earnest Money Deposit of ₹5,31,293.00/-(Rupees Five lakh thirty one thousand two hundred ninety three only). The tender not accompanied with EMD shall not be considered & their technical and price bid will be returned un-opened.

In the form of Bank Guarantee of Nationalised/Scheduled Bank (except Co-operative bank) having its branch at Gandhidham **in favour of Deendayal Port Authority, Gandhidham**. Scanned copy to be uploaded on (n) procure website while uploading the bid.

In case of Micro and Small Enterprise (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 shall become eligible for exemption from payment of Tender fee/EMD. Such bidder shall upload the scanned copy of valid certificate in preliminary bid.

Level	Description
Section – F	CONSTRUCTION
Division – 42	CIVIL ENGINEERING
Group - 422	Construction of utility projects
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Division – 35	ELECTRICITY, GAS, STEAM AND AIRCONDITION SUPPLY
Group - 351	Electric power generation, transmission and distribution
Class – 3510	Electric power generation, transmission and distribution
Sub Class - 35109	Collection and distribution of electric energy to households, industrial, commercial and other users n.e.c.

It may be noted that exemption certificate issued by any other authority will not be entertained.
Earnest money in the form of Bank Guarantee will not be accepted under any circumstances.

(a) EMD

(i) The EMD of successful Bidder will be refunded on submission of performance guarantee (in *Form 9*) as per the tender clause and executing the agreement (in *Form 8*) as per tender clause. The EMD of unsuccessful bidders other than L1 & L2 be refunded immediately after ranking of Bids. Earnest Money of L2 bidder shall be refunded immediately after entering into agreement with L1 and acceptance of Performance Guarantee from L1.

(ii) EMD will be refunded suo-motto without any application from the Bidders.

(iii) The EMD of successful bidder will be discharged (refunded) after he has signed the Agreement and furnished the required Performance Guarantee.

(iv) Earnest Money Deposit will not carry any interest.

(b) Bid Security i.e. EMD will be forfeited if:

- (i) The bidder withdraws the Bid after Bid opening during the bid validity;
- (ii) The bidder does not accept the correction of the Bid-Price, pursuant to any arithmetic errors;
- (iii) The successful Bidder fails within the specified time limit to
 - a) sign the Agreement or
 - b) furnish the required performance Guarantee
- (iv) The bidder submits more than one bid

17. Alternative Proposals by Bidders

17.1 Conditional offer or Alternative offers will not be considered 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 the Bidders.

19. Amendment of Bidding Documents

19.1 Before the deadline for submission of bids, the Employer may modify the bidding documents by using addenda.

19.2 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 the receipt of each addendum by cable to the Employer.

19.3 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.

C. Submission of Bids

20. Submission of Bids

Bidders who wish to participate in the tender 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 bidder may contact the following address:

(n) Code Solutions,
A Division of GNFC,
301 GNFC Info tower,
Bodakdev, Ahmedabad.
Tel. 91 79 26857316/17/18
Fax: 91 79 26857321
Mobile: 9327084190 / 9898589652.
E-mail: nprocure@gnvfc.net.

Bid reference No. EL/AC/2766

Name and address of the bidder.

The accompaniments to the tender documents as described under Clause 4.2 shall be Scanned and submitted On-Line along with Tender documents. **However, the originals/attested hard copies along with tender documents (except Price Bid), signed on bottom of each page in token of acceptance of Tender Conditions** and shall have to be forwarded subsequently so as to reach the office of EXE (E) within 7 days of opening of the tenders.

The envelopes shall be addressed to:

(a) Executive Engr. (E)
Deendayal Port Authority
Electrical Division,
Room No. 6,
Port & Customs Building,
New Kandla – 370210.
Gujarat-State.

(b) bear the following identification:

“Annual rate contract for supply & laying of HT/LT underground cables, HT/LT cable fault finding at inside and outside cargo jetty area.”

Bid reference No. EL/AC/2766

Name and address of the bidder.

21. Deadline of Submission of the Bids

21.1 Bids must be received by the employer in On-Line System at websites <https://kpt.nprocure.com>, <http://www.deendayalport.gov.in> as well as <http://www.eprocure.gov.in>.not later than 26/05/2023 up to 14:30 Hrs.

21.2 At the time of submission of the tender document, the Bidder shall give an undertaking that no changes have been made in document. The uploaded version of the Port Tender Document at <https://kpt.nprocure.com>, <http://www.deendayalport.gov.in> as well as <http://www.eprocure.gov.in>. websites 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 Bidder, the conditions mentioned in the Port's uploaded document on <https://kpt.nprocure.com>, <http://www.deendayalport.gov.in> as well as <http://www.eprocure.gov.in>. websites shall prevail.

21.3 The employer may extend the deadline for submission of bids by issuing an amendment on DPA website as well as on <https://kpt.nprocure.com>, <http://www.deendayalport.gov.in> as well as <http://www.eprocure.gov.in>. 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.

21.4 In case of tender documents 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. Any discrepancy is noticed at any stage between the port's tender document uploaded on <https://kpt.nprocure.com>, <http://www.deendayalport.gov.in> as well as <http://www.eprocure.gov.in> and the one submitted by the tenderer, the conditions mentioned in the port's tender document uploaded on <https://kpt.nprocure.com>, <http://www.deendayalport.gov.in> as well as <http://www.eprocure.gov.in> shall prevail. Besides, the tenderer shall be liable for legal action for the lapses.

22. Late Bids

22.1 After the deadline of submission of bid, the bids cannot be submitted in the On-Line System.

23. Modification and Withdrawal of Bids

23.1 Bidders may modify or withdraw their bids before the deadline of submission of bid or extension if any.

23.2 No Bid can be modified after the last date for submission of Bids.

23.3 Withdrawal or modification of a Bid between the deadline for submission of bids and the expiration of the original period of bid validity including extension, if any, may result in forfeiture of EMD.

D. Bid Opening and Evaluation

24. Bid Opening

24.1 On the due date and time, the employer will first open Preliminary and Technical bids of all bids received including modifications.

24.2 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 on the next working day at the same time.

24.3 If any Bid contains any deviation from the Bid documents and / or if the same does not contain Bid security i.e., EMD in the form of Bid security declaration form and tender fees in the manner prescribed in the Bid documents, then that Bid will be rejected and the Bidder will be informed accordingly.

24.4 The bids which are technically qualified, their financial bids will be opened. The date of opening of financial bid will be declared in the <https://kpt.nprocure.com>, <http://www.deendayalport.gov.in> as well as <http://www.eprocure.gov.in>. 24.5 The price bid i.e., BOQ will be opened only those bids qualify technically.

25. Clarification of Bids

25.1 To assist in the examination and comparison of Bids, the employer may, at his discretion, ask any Bidder for clarification of his Bid, including breakup of unit rates. The request for clarification and the response shall be in writing, but no change in the price of substance of the Bid shall be sought, offered, or permitted.

25.2 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.

25.3 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.

26. Examination of Bids and Determination of Responsiveness

26.1 Prior to detailed evaluation of Bids, the employer will determine whether each Bid

(a) Has been properly digitally signed,

(b) Meets the eligibility criteria defined

(c) Is accompanied by the required Bid Security and tender fees;

(d) is responsive to the requirements of the Bidding documents.

(e) GST number to be quoted invariable by bidder.

26.2 A substantially responsive Technical and Financial Bid is one which conforms to all the terms, conditions and specification of the Bidding documents.

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-confirming deviation or reservation.

27. Evaluation and Comparison of Bids

27.1 The employer will evaluate and compare only the Bids determined to be responsive.

27.2 In evaluating the Bids, the employer will determine for each Bid the evaluated Bid price by adjusting discounts, if any.

27.3 If in the opinion of Engineer in Charge, the rate quoted by successful bidder is abnormally high/low compared to the estimated cost of the work, the employer may ask the bidder to produce detailed price analysis for all items of the bill of quantities.

E. Award of Contract

28. Award Criteria

The employer will award the work to the bidder whose bid has been evaluated to be techno-commercially responsive and the lowest evaluated amount bid subject to submission of agreement and performance security.

The employer, if so required, reserves the right to:

- a) Split the work and award the work in favour of more than one firm,
- b) Award the work separately as supply, execution, Operation & Maintenance/Operation/Maintenance as applicable.

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

Notwithstanding Clause 28, the Employer reserve the right to accept or reject any bid without assigning any reason and to cancel the bidding process and reject all bids, at any time prior to the award of contract, without thereby incurring and liability to the affected bidder or bidders of the grounds for Employer's action.

30. Letter of Intent:

The Chief Mechanical Engineer will issue the Letter of Intent (Form No. 7) intimating the successful bidder about the proposed pre-acceptance of tender.

31. Notification of Award and Signing of Agreement

- i) The Bidder who's Bid has been accepted will be notified for the award by the employer prior to expiration of the Bid validity period by confirmation in writing. In this letter (hereinafter and in the Conditions of Contract called the "Letter of Intent") the contract amount, completion period of the work, etc. will be mentioned in line with the tender conditions.
- ii) The notification of award will constitute the formation of the Contract subject to the furnishing of a performance security in accordance with the provisions of tender condition.
- iii) The Agreement will be submitted by successful Bidder within 14 days (National Bid) 28 days (Global Bid) of issue of the notification of award (Letter of Intent). The agreement will incorporate all correspondence between the employer and the successful bidder.

32. Contract Agreement:

32.1 The agreement on stamp paper shall be furnished by the Contractor as per the following guidelines within 14 days (National Bid) 28 days (Global Bid) from the date of issue of Letter of Intent.

- i) The successful Bidder will be required to execute an agreement at his expense on Three Hundred Rupees (Rs. 300/-) Non-Judicial Stamp Paper in the proper departmental format (Form 8) for the due and proper fulfilment of the contract within 14 days (national Bid) 28 days (Global bid) from the date of Letter of Intent.

32.2 Pending preparation and execution of the contract agreement as above, the tender submitted by the Contractor together with Chief Mechanical Engineer's letter/fax accepting the tender shall constitute a binding contract between the Board and the Contractor.

32.3 The contract period shall be reckoned from the date of issue of work order to commence the work.

- i) The original agreement as per the format attached with the tender should be executed on a stamp paper of appropriate value (at present ₹ 300/-)
- ii) The Agreement should be submitted in duplicate and the date of execution is to be kept blank.
- iii) Each page of the document is to be signed by the Contractor/ his authorized representative by indicating his full name.
- iv) If the Contractor is a partnership firm, then a copy of the Partnership Deed and in case it is a Company, a copy of Memorandum and Articles of Association along with Registration Certificate is to be submitted.
- v) If the agreement is signed by a Partner/ a Director/ an authorized person of the firm, in such case, a certified true copy of the power of attorney/ letter of authority given by the firm/ company to the signatory of the Contractor firm is to be submitted.
- vi) The entire agreement should be in type written form/ computer printed form.
- vii) Leaving blanks and insertion of some contents of the agreement with hand writing should be avoided.
- viii) All corrections/ additions made in the agreement are to be initiated.

33. Performance Security

“Security deposit shall consist of two parts; a) Performance Guarantee to be submitted after issue LOI, and b) Retention money to be recovered from Running Bills.

1) Performance Guarantee shall be 10% of the contract price, of which 5% of contract price should be submitted as Performance Guarantee in form of Bank Guarantee, or Demand Draft within 21 days, on receipt of Letter of Intent and balance 5% to be recovered as Retention Money from Running Bills. Recovery of 5% Retention Money to commence from the First RA Bill onwards @ 5% of the Bill Value from each Bill. Retention Money will be refunded within 14 days from the date of payment of final bill. Balance SD will be refunded immediately not later than 14 days from completion of defect liability period.

2) Successful Bidder has to submit the Performance security @ 5% of Contract price within 21 days' receipt of Letter of Intent, failing which the work will not be awarded and the Bid Security i.e., EMD will be forfeited.

3) The Port Authority will also be at liberty to deduct from performance guarantee or from any sums of money due or that may become due under any contract with the contractor that may become due to the employer. This is without prejudice to the rights of the employer under the terms of the contract. The Bank Guarantee is required to be dispatched by the issuing bank directly to The Employer by Registered AD Post.

4) The performance guarantee will be accepted in the form of bank guarantee if issued by any Nationalized/Scheduled Bank (except Co-operative Bank) having a branch at Gandhidham.

5) The Port Authority may at their option forfeit the Performance Guarantee cum Security Deposit if the contractor fails to carry out the work or perform or observe the conditions of contract.

6) The Performance Guarantee cum Security Deposit will be released after successful completion of guarantee period.

7) The documentary evidence (copy of paid challan in government 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.

34. Issue of Work Order

Work order will be issued indicating the Contract value, completion period etc. after submission of Performance Security Deposit and Contract Agreement on Non-Judicial Stamp Paper by the successful bidder as per Tender Conditions.

35. Time Schedule

The Contract shall be effective from the date of issue of Work Order and the work shall be completed within Twenty Four months from the date of issue of Work Order.

36. Corrupt or Fraudulent Practices

36.1 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 the following for the purpose of these provisions:

(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.

**Signature & Seal
of Contractor**

**Executive Engineer. (E)
Deendayal Port Authority**

Section – II
General Conditions of Contract
General Conditions

1. Definitions

In the Contract (as hereinafter defined) the definition of the following words and expressions shall have the meanings hereby assigned to them except where the context otherwise requires:

- a. **“Employer”** means Board of Authority of Deendayal Port (DPA) under the Major Port Authorities Act 2021, by notification issued by the Government of India, acting through its Chairman, Dy. Chairman or Chief Mechanical Engineer or any other officers so nominated by the Board.
- b. **“Contractor”** means the person or persons, firm, corporation or company whose tender has been accepted by the employer and includes the Contractor’s servants, agents and workers, personal representatives, successors and permitted assigns.
- c. **“Contract”** means and includes Tender Documents, Instructions to Bidders, General Conditions of Contract, Drawings, Specifications, and Schedules etc., any amendments thereto, Bid, Letter of Intent, Contract Agreement and the work order.
- d. **“Contract Price”** means the total sum of money to be paid by the employer to the contractor on timely completion of the contract work as per Contract including payment for extra work, i.e. as per defined and applicable items of the terms of payment, including any taxes, except GST, and duties to be paid to state or central Government.
- e. **“Specifications”** means the specification referred to in the tender documents and any modifications thereof or additions thereto or amendments thereto as may be from time to time be furnished or approved in writing by the employer.
- f. **“Chief Mechanical Engineer”** shall mean the Chief Mechanical Engineer of Deendayal Port Authority.
- g. **“Work” or “Works”** shall mean the whole of the plant and materials to be provided and work to be done executed or carried out by the contractor under the contract.
- h. The **“Site”** shall mean the whole of the premises, buildings and grounds in or upon which the system or works is or are to be provided, executed, erected, done or carried out.
- i. The **“Schedule”** shall mean the schedule or Schedules attached to the specifications.
- j. The **“Drawings”** shall mean the drawings, issued with the specification which will ordinarily be identified by being signed by the Chief Mechanical Engineer and any further drawing submitted by the contractor with his tender and duly signed by him and accepted or approved by the Chief Mechanical Engineer and all other drawings supplied or furnished by the contractors or by the Chief Mechanical Engineer in accordance with these contract conditions.
- k. **“Trials” and “Tests”** shall mean such trials and tests as are provided for in these conditions of contract and described in the specification and shall include all other tests to be carried out as per the requirement of the ‘employer’.
- l. **“Approved” or “Approval”** shall mean approval in writing.
- m. **“Engineer-in-charge/Nodal officer”** shall mean any officer/Engineer authorized by Chief Mechanical Engineer for purpose of this contract.
- n. **“Day”** are calendar days, **“months”** are calendar months

- o.** “**Equipment**” is the contractor’s machinery and vehicles brought temporarily to the site to construct the works.
- p.** “**Material**” are all supplies, including consumables, used by the contractor for incorporation in the works.
- q.** “**Plant**” is any integral part of the works which is to have mechanical, electrical, electronic or chemical or biological function.

2. Use of Contract Document:

The Contractor shall not, without prior consent, make use of any document except for the purpose of performing this contract.

3. Change Orders:

At any time during the execution of the contract, by a written notice to the Contractor, changes may be made in the general scope of contract. The Engineer In-charge (EIC), with due approval of competent authority, may make any changes in the quality and/or quantity of the work or any part thereof that may, in his opinion, be necessary and for that purpose the Engineer In-charge shall have the power to order the Contractor to do and the Contractor shall do any of the following:

- a. Increase or decrease or split the quantity of work included in the contract,
- b. Omit any such work,
- c. Change the character, quality or kind of any such work,
- d. Change the dimensions of any such work,
- e. Change in Location
- f. Execute additional work of any kind necessary for completion of the work under the contract, and no such change shall in any way vitiate or invalidate the contract but the cost, if any, arising out of all such changes shall be taken into account in ascertaining the total amount of the contract price. Where the rate is available in the contract and the same is applicable to the additional work, in the opinion of the EIC, the cost of the additional work shall be determined as per this available rate. But, if the rate for additional work is not available in the contract, the same shall be determined by the EIC taking into account the market rate and labour cost at the site for similar works and shall be final.
- g. Deviations from the specifications as contained in the tender agreement including the make / model, shall not be accepted. In case of any such deviation, payment shall not be made for that part of the work / item, even if it is meeting the functional requirements and has been accepted by the purchaser. The payment for such portion of the work / item can only be released if the contractor makes good the deviations before the expiry of the warranty period so as to meet the specifications of the tender agreement in all respects.

4. Resolution of Dispute

- a) The Board and the Contractor shall make every effort to resolve amicably by direct informal negotiations, any disagreement or dispute arising between them in connection with the contract. However, in case of failure of negotiation between the Board and the Contractor, the parties shall refer their present and future disputes relating to the contract itself or arising out of or concerning or in connection with or in consequence of the contract to the Chairman, DPA whose decision shall be final and binding on both the parties. The contract shall be governed by the Indian Contract Act, 1872.
- b) Jurisdiction of Courts :

All such disputes, which could not be settled at the intervention of Chairman, DPA, shall be subjected to the jurisdiction of the Courts at Gandhidham.

5. Force Majeure:

- 5.1 In the event that the Contractor is delayed in performing its obligations in the contract, and such delay is caused by force majeure including war, civil resurrection, strikes (other than the strike solely by the Contractor's men), fire, flood, epidemics, earthquakes, extremely adverse climatic conditions, such delay may be excused and the period of such delay may be added to the time of performance of the obligations without any addition to the contract price.
- 5.2 If a force majeure situation arises, the Contractor shall promptly notify the Board in writing of such condition and the cause thereof, **but not later than 7 days from its occurrence**. Unless otherwise directed by the Board in writing, the Contractor shall continue to perform its obligations under the contract as far as reasonably practicable. The Contractor shall demonstrate to the Board's satisfaction that it has used its best endeavor to avoid or overcome such causes of delay and the parties will mutually agree upon remedies to mitigate or overcome such causes of delay without having any right to any claim on account of such force majeure.
- 5.3 In any other situation, which is beyond the reasonable control of the Contractor in the opinion of the Engineer In-charge, and where the Contractor has promptly notified the Board in writing about such situation, it may be considered as "Force Majeure" situation.

6. Compliance with Statutes, Regulations:

The Contractor shall comply in all respects, with all statutes and regulations as may be necessary, including clearance from State/Central Govt. authorities, Pollution Control Boards, labour enforcement and local authorities. The Contractor shall, at all times during the continuance of the contract, so far as it may be necessary, comply with all the existing enactments including Central and State legislation as well as any by-laws of any local authorities regarding labour, particularly the Minimum wages Act, Factories Act, Workmen's Compensation Act, Employees' Provident Fund and Family Pension Fund Act, Employees' State Insurance Act, Contract Labour (Regulation and Abolition) Act, Payment of Wages Act, Maternity Benefit Act, National and Festival Holidays Act, Shop and Establishment Act, The Apprentice Act and keep DPA indemnified against any loss or claim arising out of contravention of the provisions of the above said enactments by the Contractor. The price quoted by the Contractor in the Bill of Quantity shall be deemed to include all expenses whatsoever the Contractor may be required to incur for the compliance with the provisions of the above said legislation. The Contractor shall make necessary arrangements for DPA to witness the payment made by the Contractor to his staff and labour.

7. Payment Terms: All payments shall be made in Indian rupees unless specifically mentioned. **(This clause is superseded by Cause No. 2 of Section III)**

- i. 70% of supply item rate against receipt of material at site in good condition after obtaining insurance cover as per tender condition (if TPI appointed then after inspection & certification of the same by Third Party Inspection Agency).
- ii. 20% of supply item rate after completion of erection, installation, testing and commissioning, etc. (if TPI appointed then after inspection & certification of the same by Third Party Inspection Agency)
- iii. 90% of item rate covers only laying/fixing/installation.

- 8.1 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, plant 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
- 8.2 Policies and certificates for insurance shall be delivered by the contractor to the engineer in charge or his nominee before the commencement of work. All such insurances shall provide for compensation to be payable to the types and proportions of currencies required to be rectify the loss or damage incurred.
- 8.3 Alterations to the terms of insurance shall not be made without the approval of the engineer in charge or his nominee,
- 8.4 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.
- 8.5 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.

9. Time Extensions:

The Contractor may claim extension of the time limits in case of;

- i) Changes ordered by Deendayal Port Authority.
- ii) In case work is delayed on DPA's Account, i.e. due to delay in approval of drawings, non-availability of site clearance or any other reason, DPA will consider time extension of merit. However, no compensation will be paid to the Contractor if work is delayed on DPA's account. The Contractor shall submit the request for extension, within 30 days of occurrence of such delay, clearly indicating the justification for such extension.
- iii) Force Majeure.
- iv) All the incidents of delay should be entered in the hindrance register which will be base for granting any extension.

10. Time is the essence of the contract:

Time is the essence of the contract and the Contractor shall ensure that all the obligations under the contract are completed within the agreed time schedule. The Contractor shall be solely responsible for all the delays including the delays caused by its vendors. In case of delay in progress of the works, Deendayal Port Authority reserves the right to withhold the payment, cancel the contract unilaterally or complete the work departmentally.

11. Liquidated Damages (Modified as per clause no. 5, Section III, Special condition of Contract)

- 11.1 In case of delay in completing the contract, liquidated damages (LD) may be levied at the rate ½% of the contract value per week of delay or part thereof subject to a maximum of 10% of the contract price.
- 11.2 The employer, 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 LD. In the event of extension of time at its discretion with LD the employer will be entitled without prejudice to any other right or remedy available in that be half percent (½%) of the contract value of the works for each week or part of the week subject to the ceiling 10% of contract value.
- 11.3 The employer, if not satisfied that the works can be completed by the contract, and in the event of failure on the part of the contractor to complete work within 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.
- 11.4 The employer, if not satisfied with the progress of the contract and in the event of failure of the contract to recoup the delays in the mutually agreed time frame, shall be entitled to terminate the contract.
- 11.5 In the event of such termination of the contract as described in clauses (11.3) or (11.4) or both, the employer shall be entitled to recover LD up to ten percent (10%) of the contract value and forfeit the security deposit made by the contract besides getting the work completed by other means at the risk and cost of the contractor.
- 11.6 In case part/portion 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.

12. Variations

12.1 Variation in Conditions of Contract:

In case of any variation in Instructions to Bidders (ITB), General Conditions of Contract (GCC) and the Special Conditions of Contract – if any special conditions of contract shall prevail. But in case of any requirement/condition specified in the Scope of Work, it shall prevail over all other conditions.

12.2 Variation in Quantities of Schedule – B:

The overall as well as individual variations shall be $\pm 30\%$ in quantity for which the rate quoted by the bidder and accepted by the employer shall be applicable.

13. Acceptance:

Upon completion of work under this contract, the Board may accept the works and/or services after installation, if defects or shortcomings are not considered essential and, the Contractor agrees to make good the deficiencies in confirmation with this contract. No work shall be accepted before the Contractor clears the site of scraps, unused materials, work shed, equipment and all such materials which were used for execution of the work and not required any more at the work site. Also, the Contractor has to submit all the documents and final "as built" drawings as per the contract agreement without which no work shall be treated as complete.

Completion Certificate shall be issued by the employer after satisfactory completion of work as per tender and after taking trial.

14. Guarantee: (Modified in Clause no. 22 of Section-III of Special condition)

- 14.1 The warranty period shall be valid up to six/twelve months (6 months for repairs and 12 months for new works including supplied items) with effect from the date of acceptance of the work and/or services, unless otherwise specified in the scope of work/Special Conditions of Contract (SCC).
- 14.2 The Contractor shall warrant 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 warrant the Board that all materials, equipment and the supplies furnished by him will be new and fit for their intended purposes.
- 14.3 The Board shall promptly notify the Contractor in writing of any claim arising under this Warranty. Upon receipt of such notice, the Contractor shall promptly repair or replace the defective goods and/or services at no cost to the Board.
- 14.4 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.

15 Taxes:

GST Clause:

The contractor shall quote the price exclusive of GST. The contractor shall quote prevailing GST rate separately, which shall be reimbursed by DPA after ascertaining necessary compliance as per Goods & Service Tax, 2017.

All other duties, taxes, cesses applicable if any, shall be borne by the contractor.

Deduction of Income-Tax & GST:

Income-Tax deductions and surcharge & GST + TDS as applicable thereon shall be made good while making payments due to the contractor for carrying out the work and only net amount shall be paid as directed by the Central Board of Direct Taxes, Ministry of Finance, Government of India.

Tax: The rates quoted by the contractor shall be deemed to be inclusive of the taxes, duties etc. (except GST) which 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.

16. Deduction:

- 16.1 Deduction of taxes/income tax at source shall be made from the any bill of the Contractor in accordance with the prevailing rules of Govt.

16.2 While performing under the contract, the damages caused by the Contractor or his workers to any of the Port Authority property shall be promptly made good by the Contractor at his own cost. In case the Contractor fails to repair/replace the damage, Deendayal Port Authority shall have the right to take steps to make good the damages and all the cost on this account shall be recovered from the bills of the Contractor or any money due to the Contractor from this contract or any other contract or any other transaction. In determination of the damage, the opinion of the Engineer-In-charge (EIC) shall be conclusive.

16.3 Any dues arising out of failure on the part of the Contractor to carry out any obligation under the contract shall be deducted from the bills of the Contractor or from any money due to the Contractor from this contract or any other contract.

17. Subcontracts:

The Contractor shall not be allowed to engage any sub-contract for all or any part of this contract.

18. Idle Charges:

All efforts shall be made for timely supply of materials and/or equipment where it is included in the scope of Deendayal Port. However, the Contractor shall not be entitled to any idle charges for delay in supply of materials and/or equipment by the Port Authority. Further, in case of any delay due to stoppage of work ordered by the Port Authority to avoid interruption in other important activities of Port Authority or any other reason, the Contractor shall not claim any idle charges.

19. Personal Protective Equipment: (PPE)

The Contractor shall be solely responsible, at his own cost, for the supply of required PPE to his workers and staff and he shall also ensure the use of PPE such as helmets, nose masks, hand gloves etc. by his staff at site.

20. Conduct:

The Contractor, at all times during the tenure of contract, shall take all measures to prevent any unlawful, riotous or disorderly conduct by or amongst his staff at the site and for the preservation of peace and protection of persons and property at the work site as well as in the enactment of the works.

21. Accident:

The Contractor shall, within 24 hours of the occurrence of any accident, at or about the work site or in connection with execution of the contract, report such accidents to the Engineer-In-Charge giving all the details in writing. He shall also provide additional information about the accident as requested by the EIC.

22. Watch and ward:

During the execution of the contract, it shall be the responsibility of the Contractor to arrange watch and ward of the work including the raw materials, machine/equipment/system used for the work at his own cost till the date of acceptance of the work by Deendayal Port Authority.

23. Termination:

23.1 The Board may, without any prejudice to any other remedy for breach of contract, by written notice of default sent to the Contractor, terminate the contract in whole or in part:

- (i) if the Contractor fails to execute the work within the period as specified in the contract or any extension granted by the Board;
- (ii) if the Contractor fails to perform any other obligation under the contract and if the contractor does not cure the same after receipt of a notice of default, the nature of default as well as the time within which the default has to be cured by the Contractor.

23.2 In the event of Board's termination of the contract in whole or in part, the Board may execute the remaining work or procure goods similar to those undelivered by the Contractor and the Contractor shall remain liable to the Board for any excess cost for such works or goods and risks, if any.

- 23.3 The Board will pay the Contractor, for all the items that are completed and ready for delivery, within 30 days after termination. The payment shall be made only after all the afore-mentioned goods are supplied to and accepted by Deendayal Port Authority. The amount so decided by the Engineer-in-Charge in this regard shall be final and binding.
- 23.4 In case of termination of contract for default by the Contractor, the Board may not permit the Contractor to participate in any of the future tender of Deendayal Port Authority for a period decided by DPA.
- 23.5 The employer may terminate the contract if Contractor causes a fundamental breach of the contract.
- 23.6 Fundamental breaches of contract include, but shall not be limited to the following :
- a) The contractor stops work for 28 days and the stoppage has not been authorized by the Engineer-in-Charge or his nominee.
 - b) The contractor becomes bankrupt.
 - c) The contractor has delayed the completion of works by the number of days for which the maximum amount of liquidated damages can be paid as defined in the contract data and
 - d) 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.
 - e) 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".
 - f) 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.
 - g) Any material lying at site will not be removed without the prior written permission of Engineer in Charge.

24. 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 herein 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 whatsoever, in any way arising out of or relating to the contract, designs, drawings, specifications, estimates, instructions, orders, or to the conditions or otherwise concerning the work or regarding the execution or failure to execute the same whether arising during the progress of the work or after the completion thereof as described hereinafter 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 matters to which the contract relates and that in the course of his duties as an employee of the Board of the Government, he had expressed views on all or any of the matters in dispute or of difference.

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 this 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 this contract that only such questions and disputes as were raised during the progress of other 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 the 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 amount of claim in respect of each said disputes along with the notice seeking appointment of arbitrator.
- (VI) It is also a term of the 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 Engineer –in-charge 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/claim 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 Contractor.
- (IX) The arbitrators from time to time, with the consent of both the parties, enlarge the time for making & publishing the award.
- (X) Arbitration shall be conducted in accordance with the provisions of Indian Arbitration Act, 1996 or any statutory modifications or enactment thereof and rules made there under and for the time being in force shall apply to the arbitration proceeding under this clause.
- (XI) It is also a term 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 a contract that the arbitration shall be deemed to have been entered on the reference on the date he issues the first notice to both the parties calling them to submit their statement of claims and counter statement of claims.
- (XIII) Venue of the arbitration shall be such place as may be fixed by the arbitrator at his sole discretion.

25. Indemnification:

The Contractor shall indemnify, protect and defend at its own cost, Deendayal Port Authority and its agents & employees from & against any/all actions, claims, losses or damages arising out of

- a. any violation by the Contractor in course of its execution of the contract of any legal provisions or any right of third parties;
- b. Contractor's failure to exercise the skill and care required for satisfactory execution of the contract.

26. Engineer-in-Charge or his nominee's Decisions

Except where otherwise specifically stated, the Engineer-in-Charge or his nominee will decide contractual matters between the employer and the Contractor in the role representing the employer.

27. Delegation

The Engineer-in-Charge or his nominee may delegate any of the duties and responsibilities to other people after notifying the Contractor and may cancel any delegation after notifying the Contractor.

28. Communications

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).

29. Personnel:

- 29.1 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 Engineer-in-Charge. The Engineer-in-Charge 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.
- 29.2 If the Engineer-in-Charge 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.

30. Employer's Obligation

- (i) Electricity, water and land for execution of the work at site shall be provided on payment of applicable tariff of the employer subject to availability. If DPA is unable to provide electricity and water the same will be arranged by the contractor at his own cost.
- (ii) The employer will not provide Port Authority Quarters, during the tenure of contract.
- (iii) Administrative support only, for obtaining clearance from any statutory authority, shall be provided by the employer.
- (iv) On successful completion of all the obligations under the contract and on the request of the Contractor, the employer shall issue a "Completion Certificate with the approval of the Chief Mechanical Engineer, the employer.

31. Queries about the Technical Data

The Engineer-in-Charge or his nominee will clarify queries on the Technical Data.

32. Approval by the Engineer-in-Charge or his nominee.

The Contractor shall submit the makes of material, equipments, specifications and drawings for proposed Work to the Engineer-in-Charge or his nominee, who is to approve them subject to compliance with the Technical specifications and drawings.

The Engineer-in-Charge or his nominee's approval shall not alter the Contractor's responsibility for the work.

All drawings prepared by the contractor for the work if any, are subject to prior approval by the Engineer In Charge or his nominee before procurement/execution.

33. Discoveries

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 employer or his nominee of such discoveries and carry out the instructions of employer or his nominee for dealing with them.

34. Access to the site

The contractor shall allow the Engineer in charge or his nominee and any person authorized by him 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 work.

35. Instructions

The contractor shall carry out all instructions of the engineer or his nominee which comply with applicable laws where the site is located.

36. Safety

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

Quality Control

37. 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.

38. Correction of Defects

38.1 The Engineer-in-Charge or his nominee shall give notice to the Contractor of any Defects before the end of the Defects Liability Period (Guarantee 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.

38.2 Every time notice of a Defect is given the Contractor shall correct the notified Defect within the length of time specified by the Engineer-in-Charge or his nominee's notice.

39. Uncorrected Defects

If the Contractor has not corrected a Defect within the time specified, the Engineer-in-Charge or his nominee will assess the cost of having the Defect corrected, and the Contractor will pay this amount.

40. 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.

41. 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 of 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.

42. Use of Contract Document:

The Contractor shall not, without prior consent, make use of any document except for the purpose of performing this contract.

43. Memorandum of Settlement:

The Contractor shall not sign any memorandum of settlement with any agency such as Trade Unions etc. in any form at any level without the prior written permission of the employer in relation to any work under taken by him in the Port premises.

44. 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.

45. Approvals:

The Engineer-in-Charge 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 Engineer-in-Charge for approval. Any corrections to be suggested by Engineer-in-Charge in drawings, the days taken for rectification in drawings shall be in account of the Contractor.

46. Third Party Inspection: (Modified as per clause no. 4 of Special conditions of Contract, Section III)

The Third Party Inspection Agency shall be arranged by DPA and cost of Third Party Inspection mentioned below shall be borne by DPA.

- i. The Third Party Inspection Agency will carry out approval of drawings if any, material inspection at manufacturer's works/site, dispatch clearance from manufacturer's work, certification for releasing stage payments as per payment terms of contract for all the material as per schedule/work till taken over by DPA.
- ii. The Third Party shall carry out inspection of work as per tender specification/relevant standard.
- iii. The above stage payment shall be released after certifying by the third party and copy of the same shall be produced by Contractor for releasing the stage payment as per **Payment Terms**.

47. Bar Chart: (Not Applicable)

The Contractor shall submit a bar chart, before signing the agreement, clearly indicating the plan for timely execution of the work. The bar chart must indicate the individual activities and commencement and completion dates of each activity. The bar chart shall be used for monitoring the progress of the work.

48. 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.

49. Police verification of Contract Labour:

The Contractor who has been awarded the job through Work Order shall furnish necessary Police Clearance Certificate in respect of character and antecedents of all Contract Labourers engaged by them, before commencing the work at site.

This will be a part of Contractual Agreement, as entire Cargo Jetty, Oil Jetty area has been declared as "**Prohibited Area**". Contractor who would be awarded contract is required to comply with the above requirements.

Contractor shall obtain such Police Clearance Certificate from Police available against a nominal fee per Certificate and they will submit this Certificate giving Work Order reference on it, to the Office of the Engineer In Charge of respective Divisions, to be forwarded to Commandant, CISF which our Security Department along with request for issuance of Entry Passes.

The Contractor shall, if required by the Engineer-in-Charge, deliver to the Engineer-in-Charge a return in detail, in such form and at such intervals as the Engineer-in-Charge 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 Engineer-in-Charge may require.

a) Submission of Labour Reports by Every Fortnight:

The contractor shall submit, by the 4th and 19th of every month, to the Engineer-in-Charge a true statement showing, in respect of the second half of the preceding month and the first half of the current month respectively.

1. The number of labourers employed by him on the work.
2. Their working hours.
3. The wages paid to them.
4. The accidents that occurred during the said fortnight showing the circumstances under which they happened and the extent of damage and injury caused by them, and
5. The number of female workers who have been allowed Maternity Benefit, according to clause 19 F and the amount paid to them, failing which, the Contractor shall be liable to pay to Government a sum not exceeding Rs. 200/- for each default or materially incorrect statement. The decision of the Engineer-in-Charge shall be final in deducting from any bill due to the contractor the amount levied as fine and be binding on the contractor.

b) No Labour Below 14 Years:

No labour below the age of 14 (fourteen) years shall be employed on the work.

50. 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.

51. No damage, hindrance or interference to the Port activities:

The contractor shall be required to execute the work in such a manner as not to cause any damage, hindrance or interference to the Port activities and the work going on in the area. The contractor shall have to make good the loss at his own cost and risk all damages caused by his workmen to Port property and no extra payment shall be made to him on that account.

52. Tools & Tackles

All the tools, tackles, bricks, cement, ladders etc. for executing the work will have to be arranged by the contractor at his own cost. Arrangement for storing the materials, tools etc. will also have to be made by him. The EMPLOYER shall not be responsible for any theft/loss of any materials, tools, etc. stored/brought by the contractor for execution of work within the Port area.

53. Hot work:

In case of carrying out any hot work such as gas cutting and welding necessary regulations, prevailing at Deendayal Port Authority for such works shall be observed by the tenderer and necessary fire watch permit and No Objection Certificate shall be obtained from the concerned authorities of the port and necessary charges at the scale of rate prevailing in the port at that time shall be paid by the contractor.

54. 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.

55. Electrical Supervisor Certificate (Modified as per clause no. 3 of Section-II)

The contractor shall have valid electrical contractor's license for carrying out electrical work of nature involved in this tender obtained 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/central Govt. without which the tender shall not be accepted. Contractor shall submit certificate and copy of the license in lieu of the same for consideration.

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/central Govt.

56. Action where no Specifications are specified:

The work shall be carried out in all respects in accordance with the instructions and requirements of the Engineer-in- Charge.

57. Undertaking by the Contractor:

Having understood all the terms and conditions of the tender document and having assessed the site conditions, we hereby confirm that the price offered by us is a firm price and includes all the taxes(excluding GST), duties, fees, Cess etc. and all incidental charges.

58. Labour License:

The contractor will have to obtain necessary 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.

59. Fraudulent documentation by bidders:

Submission of fraudulent documents shall be treated as major violation of the tender procedure and in such cases the Port shall resort to forfeiture of EMD, if any/SD/BG of the bidder, apart from blacklisting the firm for the next 3 years.

60. If applicable, the contractor shall be registered under the Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996.

**Signature & Seal
of Contractor**

**Executive Engr. (E)
Deendayal Port Authority**

Section – III

Special Conditions

(These special conditions will supersede the General Condition and ITB wherever applicable)

1. Clause No. 6 of Instructions to Bidders (ITB), Section – I is not applicable.
2. The Clause No. 7 of General Condition of Contract (GCC), Section – II is modified and shall be read as under:

Payment Terms:

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

- (1) 90% payment against supply of materials (subject to deductions as per tender conditions) will be released after receipt of material at site in good condition, after obtaining insurance cover as per tender condition (If TPI appointed then after inspection & certification of the same by Third Party Inspection Agency) and after acceptance of material by DPA.
- (2) 90% of item rate for fixing of End Termination kit, erection, installation, laying, testing and commissioning, subject to submission of report in the Format (in case of laying of cable) as per **Annexure X**, After inspection & certification of the same by Third Party Inspection Agency (subject to deduction as per tender conditions).
- (3) 10% (subject to deductions as per tender conditions) will be released after successful completion of whole work (If TPI appointed then after inspection & certification of the same by Third Party Inspection Agency) and handing over to DPA.
- (4) The payment from 2nd bill to pre-final bill, shall be released, subject to the condition that the documentary evidence (copy of paid challan in government 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.

NOTE:

The payment shall be made through RTGS/NEFT and the Contractor should be furnished following details:

Bank Payment Agreement Form

- (a) Name of Party
- (b) Account No.
- (c) Branch Name
- (d) Branch Station
- (e) IFSC code of the Bank
- (f) MICR No.
- (g) 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 is concerned.

Signature of the party with the seal

Declaration by the bank

It is here by informed that the details mentioned by the party is correct as per our records and any payment made by DPA to this account will be accepted either by RTGS/NEFT.

3. Clause No. 55 of General Conditions of Contract (GCC), Section – II is modified and shall be read as under:

The contractor shall have valid electrical contractor's license and electrical supervisor certificate for carrying out electrical work of nature involved in this tender obtained from the competent authority of respective state without which the tender shall not be accepted. Contractor shall submit certificate and copy of the license in lieu of the same for consideration.

Manufacturers are exempted to submit valid Electrical Contractor's License. However, they have to deploy a person having valid Electrical Supervisor's Certificate while carrying out the work.

4. Clause No. 46 of General Condition of Contract (GCC), Section – II (TPI) is modified as under.
- i. The Third Party Inspection Agency shall be arranged by DPA and cost of Third Party Inspection mentioned below shall be borne by DPA.

61.

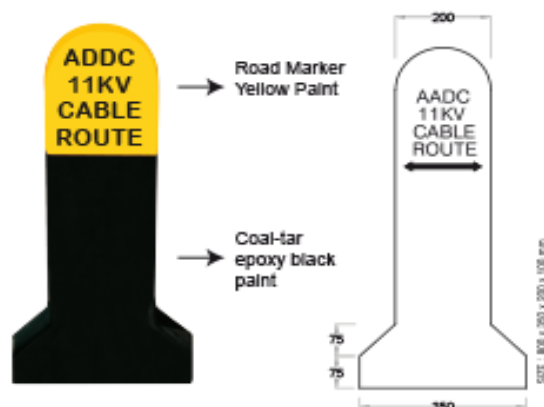
- i. The Third Party Inspection Agency will carry out approval of drawings if any, material inspection at manufacturer's work/site, and to give dispatch clearance from manufacturer's works to site and inspection at the site.
- ii. The Third Party shall carry out inspection of work as per tender specification/relevant standard.
- iii. The above stage payment shall be released after inspection report submitted by the Third Party Inspection agency and on the basis of report submitted by TPIA the stage payment shall be released as per Payment Terms.

5. Penalty : (L.D. clause no.11 of GCC section-II is modified & shall be read as under)
- i) Normally all the faults shall be attended within 04 Hrs.; failure of which, penalty @ Rs. 500/- per hour of delay will be imposed on the contractor. However, in case of if it is found that it will take more than 04 Hrs. and not in the control of the contractor, then in that case the EIC will consider the same on merit.
 - ii) The Fault Locator Machine shall be made available within 01 Hr. at site, otherwise, penalty @ Rs. 500/- per hour of delay will be imposed.
 - iii) In case of if manual excavation is required, then the contractor shall arrange the labour. However, for machine excavation, the excavator with operator shall be ready for the same and in case of HDD work is required, then HDD Machine with operator shall be ready. In no case of non-availability of labour/any of the machines within 02 Hrs. at site, penalty @ Rs. 500/- per hour of delay will be imposed on the contractor. However, in case of any traffic jam, if any of the machines cannot reach the required site, then no penalty will be imposed for any delay on account of that. In case of any maintenance work of any of the machines, prior approval from EIC shall be obtained. Also, in case of Breakdown of any of the machines, the contractor shall inform to the site in-charge for repairing of the same stating the approximate time required for it. For maintenance/breakdown takes more than 08 Hrs. then the contractor make alternative arrangement, otherwise, penalty @ Rs. 500/- per hour of delay will be imposed on the contractor.

- iv) All the materials shall be supplied as per schedule, mentioned in the tender, failure of which, the penalty @ Rs. 500/- per week per material shall be imposed on the contractor. However, if delay happens due to unavoidable situation, which is not in anybody's control, then no penalty will be imposed.
- v) If Firm fails to supply the items of Schedule – B as per time limit, LD @5% of the material cost per week will be recovered from the RA Bill of the contractor.

Note : All the penalties will be commenced from the date of issues of Work Order.

- 6. If any cable, which cannot be buried, in that case, it shall be laid in DWC pipe of suitable size. Also, if any of the cables, while execution of the work, could not be put underground/in cable trench/saddling and planned to attend afterwards or next day, in that case, the cable shall invariably be kept wound/coiled in safe place to avoid damage due to vehicular movement or otherwise. Alternatively, such cable may be left on the drum which shall be lowered from its jacks and firmly anchored.
- 7. Before and terminations are made, the I.R. value shall be measured to ensure the healthiness of the cable.
- 8. i) For first year of ARC 50% of all supply items shall be supplied within 3 months from
9. the date of commencement of work.
- ii) Remaining 50% of all supply items to be supplied in 10th month from the date of commencement of work.
- iii) However, if the quantity supplied by Contractor within 3 months is exhausted and if any requirement arises prior to start of 10th Month, the contractor on demand by DPA shall supply the required material at the rate terms and conditions within 15 days after receipt of notice of requirement in written from Engineer-In-Charge.
- 10. When the cable drums will be required to be shifted, proper care shall be taken as directed. While removing the cables from Cable Drum, the Drum shall be properly mounted on jacks or on a cable wheel or any suitable device, to ensure that the spindle, jack etc. are strong enough to take the weight of the cable drum.
- 11. While de-reeling/reeling of any cable, the cable drum shall be mounted properly on jacks or cable wheels.
- 12. Handling of Cable: While handling of any cable it shall be ensured that both ends of cable are properly sealed to prevent ingress/absorption of moisture.
- 13. While passing the cable through HDPE Pipe (HDD)/laying in the RCC Trench/in the Hard or Soft Soil, the cable shall not allowed to pull the cable by any type of vehicles.
- 14. If, while working in the site by the contractor, any old cable is found, then the same shall be removed and handed over/shifted to any location as directed.
- 15. The contractor shall provide PCC cable route marker at every 30 Meter intervals for HT cables and 40 Meter intervals for LT cable as per below Route marker shall also provide at every bend of cable.



16. **Integrity Pact:**

The Integrity Pact duly signed by authorized person(s) with witnesses are to be submitted by the bidders along with tender fee and EMD in preliminary bid the as per the format provided in Section IV failing which the bid will be treated as no- responsive.

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 “Counterparty” means “Vendor / Supplier / Contractor”.

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.

17. Contractor / Service provider / Supplier etc. has to ensure timely and proper filling of GSTRI so that Deendayal Port Authority can avail input tax credit in timely manner.

In case DPA not allowed Input tax credit due to failure on part of the contractor / service provider / Supplier etc. it will be a financial loss to DPA and therefore same shall be recovered from the payment / deposit o the contractor / service provider / Supplier.

18. The contractor shall be registered under the Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996.

19. The contractor shall supply the materials of only the particular brands/Make specified in the tender. If none of the make/brands are available in the market, then the department will accept the equivalent make/brand subject to the contractor producing a letter of non-availability from the manufacturer only. The EIC will ascertain the veracity of that letter directly from the manufacture. Such material will be accepted after obtaining the approval of the authority who approved the tender.
20. During execution of the work, any handling equipment like Cranes, Hydra etc., is required, the same shall be arranged by the contractor without any extra cost to DPA.
21. If any specification is different from the specification mentioned in the tender document, but the differed specification is as per ISO, then the EIC can approve to use the specification.
22. **Guarantee:**
The warranty period shall be valid up to six/twelve months (6 months for repairs and 12 months for new works including supplied items) with effect from the date of acceptance of the work and/or services.

**Signature & Seal
of Contractor**

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

Section- IV

Forms of Bid

Part – I

To be submitted by Bidders with their Bids

Form No.	Name of forms/format
1	Form of application
2	Pre-qualification of bidders
3	Format for declaration
4	Letter of authority for submission of bid
5	Exceptions & Deviations
6	Integrity pact

Part – II

To be used by successful Bidder

Form No.	Name of forms/format
7	Letter of intent
8	Agreement form
9	Specimen bank guarantee of Performance Guarantee/Security Deposit
10	Letter of authority from bank for all BGs
11	Format of Extensions (Part – I)
12	Format of Extension (Part-II)

Specimen of Application

(To be executed on bidder's letter head)

The Superintending Engineer (Electrical)

Deendayal Port Authority

(Address _____)

Pin Code: _____

Dist. Kachchh (Gujarat)

We, the undersigned, declare that:

- (a) we have examined and have no reservations to the tender documents, including addenda and clarifications issued vide
- (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 bearing no. **(EL/AC/20__)**
- (c) our tender shall be valid for the period of 120 days, from the date fixed for the tender submission deadline and it shall remain binding upon us and may be accepted at any time before the expiration of that period or any extended period.
- (d) If our tender is accepted, we commit to submit a performance guarantee for the due performance of the contract, as specified in specimen form for the purpose.
- (e) No Joint Venture / Joint Venture.
- (f) 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.
- (g) 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.
 - i. We understand that you are not bound to accept the lowest evaluated tender or any other tender or you can also split the work that you may receive.
 - ii. We also make a specific note clause of [ITB, NIT] under which the contract is governed.

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)

Specimen format for 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 Tenderer.

1. Only for individual bidders

1.1 Constitution of 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

Description	Year	Turn over
(insert the year as per PQC)	2019-20	
i.e. last three financial years ending 31st march of the previous year	2020-21	
	2021-22	

Attachment: financial reports for the last three years: balance sheet, profit and loss statements, auditor's reports (in case of companies/corporation) etc. List them below and attach copies.

Attested Copy of Annual Turnover during Last Three Year Ending on **March 2022**

3. Similar works

Particulars	Year	No. of Woks	Value
Total value of completed Similar work as defined in the tender document during last 07 years.	2015-16		
	2016-17		
	2017-18		
	2018-19		
	2019-20		
	2020-21		
	2021-22		

Attachments: Supporting documents, viz., Successful completion certificate from clients, other documentations to substantiate the similarity of work as per definition of "Similar Work". Employer reserves 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. **(Not applicable)**

(A) Existing commitments and on-going works.

Description of work	Place & State	Contract No. & Date	Name & Address of Port or Dept.	Value of Contract in Rs.	Stipulated Period of Completion	Value of remaining to be completed	Anticipated date of completion
1	2	3	4	5	6	7	8

(B) Works for which bids already submitted

Description n of work	Place & State	Name & Address of Port or Dept.	Value of Contract in Rs.	Stipulated Period of Completi on	Date when decision is expected	Remarks if any
1	2	3	4	5	6	7

Attach attested certificates.

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

Other party(ies)	Port	Cause of dispute	Amount	Remark involved showing present status.

6. 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)

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 opening of Price bid of the 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 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 documents and supplementary information required for the pre-qualification evaluation.
- (e) We also state that no changes have been made by us in the downloaded tender formats and understand that in the event of any discrepancies observed, the tender hoisted on website of procure is full and final for all legal/contractual obligations.
- (f) We also declare that, our firm has not been banned / de-listed by any government or PSUs.
- (g) We also give an undertaking that, we 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.

Date: _____ Place: _____

Name of Applicant: _____

Represented by (Name & capacity) _____

Specimen Letter of Authority for

Submission of BID

(To be executed on ₹ 300/- non Judicial Stamp Paper)

To

The

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 {copy of board resolution
attached (in case of company)} for tender no. ----- for the work of _____ 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:

<u>Exceptions and Deviations</u>

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 Document	Clause No. of Bid Document	Subject Deviation

Note: however, the Bidders may 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]

INTEGRITY PACT BETWEEN

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

(Name of the bidder 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. 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 will enter into agreement with identical conditions as this on which all Bidders.
- (2) There is no provision of sub-contract in the tender, any violation of the same, Contractor shall be held solely responsible for the same.

Section-7 - Criminal charges against violating Bidders / Contractors

If the principal obtains knowledge of conduct of a Bidder/Contractor or Subcontractor, or of an employee, or a representative, or an associate of a Bidder/Contractor, or Subcontractor, which constitutes corruption, or if the Principal has substantive suspicion, in this regard, the Principal will inform the same to the Chief Vigilance office (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 Contact 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 recues 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 / Contactor. 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 5 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

This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded. Any violation of the same would entail disqualification of the bidder and exclusion from future business dealings.

If any claim is made / lodged during this time, the same shall be binding and continue be valid despite the lapse of this Pact as specified above, unless it is discharged / determined Chairperson of the Principal.

The Pact duration in respect of unsuccessful Bidders shall expire after 6 months of the award of the contract

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 intensions.
- (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.

(For & on behalf of the Principal)

(For & on behalf of the Bidder/Contractor)

(Office Seal)

(Office Seal)

Place: Gandhidham

Date: __/__/2023

Witness-1: (Name & Address)

Witness-2 : (Name & Address)

Letter of Intent Format

No: _____

Date: _____

To _____

(Name and Address of the Contractor)

Sub: Tender No. EL/AC/20__

(Name of Work)

Ref: Your bid dated

And (list the correspondence with the Bidder)

Dear Sirs,

With reference to your above offer and subsequent correspondences on the subject, we are pleased to inform you that your offer has been accepted by the competent authority and you are hereby requested to initiate actions for fulfilment of all necessary formalities, as indicated in the tender document for the above said work, at the earliest.

The Engineer-In-Charge for this work shall be Mr._____. Agreed Schedule date of commencement of the work is _____ and Schedule date of completion of the work is _____. Total Contract Price is ₹_____.

You are requested to sign the Agreement and fulfil other formalities as per the Tender conditions.

Yours Faithfully,**(Signature of the controlling Officer)****CHIEF MECHANICAL ENGINEER****Deendayal Port Authority**

SPECIMEN CONTRACT AGREEMENT

(To be executed on ₹300.00 non-judicial stamp paper)

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

This agreement made of this _____ day of _____ Two Thousand between the Board of Deendayal Port Authority a body corporate under Major Ports Authorities Act, 2021 have its Administration Office Building at Gandhidham (Kutch) (hereinafter called the 'Board' which expression shall unless excluded by or repugnant to the context , be deemed to include their successors in office) of the one part and _____ (Name and address of all the partners if a partnership with all their address) hereinafter called the 'Contractor' which expression shall unless excluded by or repugnant to the context be deemed to include his / their heirs, executors , administration , representatives and assignees or successors in office of the other part.

WHEREAS the Board is desirous to carrying out the work of _____ And whereas the Contractor has offered to execute and complete such work.

WHEREAS the Contractor has deposited a sum of Rs. _____ (Rupees _____ only) as security deposit in the form of _____ Bank Guarantee/Demand Draft for the due fulfillment of all the conditions of the contract.

NOW THIS AGREEMENT WITHINNESS AS FOLLOWS:

1. In this agreement words and expression shall have the same meaning as are respectively assigned to them in the general condition (including special conditions, if any) of contract hereinafter referred to.
2. The following documents shall be deemed to form and read as construed part of this agreement viz.:
 - i) Notice inviting tender.
 - ii) Technical specifications.
 - iii) Special conditions of contract.
 - iv) Tender submitted by the Contractor.
 - v) The Board's "Drawing".
 - vi) The schedule items of work with quantities and rates.
 - vii) Any correspondence made between the Superintending Engineer (E) and the Contractor after opening of the cover – I as regards to contain clarifications/details called for vice versa.

viii) Common terms and conditions offered to Contractor and their acceptance including confirmation to withdrawal of their own terms and conditions offered with the tender i.e. 'Cover – I'.

ix) Bank Guarantee for security deposit.

3. The Contractor hereby covenants with the Board to complete the work of _____ in conformity in all respects, with the provisions of the contract.

4. The Board hereby covenants to pay the Contractor in consideration of such completion of the works, the contract price of ₹_____ (Rupees _____ only) at the time and in the manner prescribed of the contract.

IN WITNESS WHERE of the parties here unto have set their hands and seals the day and year first above written signed and sealed by the Contractor in the presence of:

Witness

1. Name & Address _____

Signature of Contractor

Seal

2. Name & Address _____

Seal

Signed, sealed and delivered by Shri _____ on behalf of the Board in presence of

1. _____

2. _____

(Chief Mechanical Engineer)

Deendayal Port Authority

The common seal of the Board of Deendayal Port Authority affixed in the presence of:

1. _____

Secretary

2. _____

Deendayal Port Authority

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

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

To,

The Board of Authorityees of Deendayal Port of Kandla,

Deendayal Port Authority

A.O.Building, P.O.Box No.50,

Gandhidham-Kutch.

1. In consideration of the Board of Deendayal Port of Authority incorporated by the Major Port Authorities Act, 2021 as amended by Major Port Authority (Amendment) Act 1974 (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 _____ (Name of the Department)'s letter No. _____ 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, _____ (Name of Bank) (Name of Branch), do hereby Undertake to pay the amount due and payable under this guarantee without any demur merely on a demand from the Board starting 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, _____ (Name of Bank and Branch), undertake to pay to the 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, _____ (Name of Bank and Branch), further agree with the Board that the 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 at 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, _____ (Name of Bank and Branch), further agree with the Board that the 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 [insert city] 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)."

10. (i) Name of Beneficiary's Bank is State Bank of India, Gandhidham.

(ii) IFSC No. of Beneficiary's Bank is SBIN0060239.

(iii) Bank Account No. of Beneficiary is 10316591671.

Date _____ day of _____ 22

For (Name of Bank)
(Name) Signature

SPECIMEN LETTER OF AUTHORITY FROM BANK
FOR ALL BGs

(To be executed on Bank's Letter Head)

Date:

To,

The Board of Authority of Deendayal Port

Dear Sir,

Sub: Our Bank Guarantee No. _____

dated _____ for ₹ _____ favoring yourselves
 issued on a/c of _____

M/s. _____

(Name of contractor)

We confirm having issued the above mentioned guarantee favoring yourselves, issued on account of M/s. _____ validity for expiry upto date _____ and claim expiry date up to _____. We also confirm 1) _____ 2) _____ is/are empowered to sign such Bank Guarantee on behalf of the Bank and his/their signatures is/are binding on the Bank.

Name of signature of Bank Officer

Deendayal Port Authority**Form of application by the Contractor for seeking extension of time****Part – 1**

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) 1st extension vide EE's No. Dated Month Days
 - (b) 2nd extension vide EE's No. Dated Month Days
 - (c) 3rd extension vide EE's No. Dated Month Days
 - (d) 4th extension vide EE's No. Dated Month Days
 Total extension previously given.
9. Reasons for which extensions 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 with dates on which hindrances occurred and the period for which these are likely to last.
 - (a) Serial No.
 - (b) Nature of hindrance
 - (c) Date of Occurrence
 - (d) Period for which it is likely to last
 - (e) Period for which extension required for this particular hindrance
 - (f) Overlapping period if any, with reference to item.....
 - (g) Net extension applied for
 - (h) Remarks, if any.
 Total period on account of hindrance mentioned above.....
 Month.....Days
12. Extension of time required for extra work
13. Details of extra work and amount involved:
 - (a) Total value of extra work
 - (b) Proportionate period of extension of time based on estimated amount put to tender on account of extra work.
14. Total extension of time required for 11 & 12
 Submitted to the Sub-Divisional Officer.....

Signature of Contractor

Date: _____

Deendayal Port Authority
Application for Extension of Time

Part- II

(To be filled in by the Sub-Divisional Office)

1. Date of receipt of application from Contractor for the work of..... in the Sub-Divisional Office.
2. Acknowledgement issued by S.D.O. vide his No.....dated
3. Remarks of S.D.O.
 (on the reasons given by the contractor are correct and what extension, if any, is recommended by him. If he has not recommended the extension, reasons for rejections should be given.)

Signature of Divisional Officer

Date:

(To be filled in by the Executive Engineer)

1. Date of receipt in the Divisional Office.
2. Executive Engineers remarks regarding hindrances mentioned by the Contractor.
 - (1) Serial No.
 - (2) Nature of hindrance
 - (3) Date of occurrence
 - (4) Period for which hindrance is likely to last
 - (5) Extension of time applied for by the contractor
 - (6) Overlapping period, if any, giving reference to
Items which overlap.
 - (7) Net period for which extension is recommended
 - (8) Remarks as to why the hindrance occurred
And justification for extension recommended.
3. Executive Engineer's recommendations:
 (The present progress of the work should be stated and whether the work is likely to be completed by the date up to which extension has been applied for. If extension of time is not recommended, what compensation is proposed to be levied under clause 2 of the agreement?)

Signature of Executive Engineer

Date

Dy. HOD/SE's recommendations

Signature of Superintending Engineer

Date

HOD's recommendations/approval.

Signature of Chief Mechanical Engineer

Date

Section - V

Scope of Work

The scope of work envisages the following:

1. All the complaints/faults shall be attended on 7 X 24 Hrs. basis on comprehensive manner to restore the power supply.
2. If any of the materials, which are not in the scope of the contractor, then the contractor shall bring the materials after taking clearance from EIC and the payment for the materials will be reimbursed by DPA subject to submission original invoice from OEM/Authorized Dealer/Authorized Channel Partner. However, for purchasing the materials on urgency from OEM/Authorized Dealer/Authorized Channel Partner, the contractor shall take prior permission from EIC. The procurement of materials shall be OEM materials only.
3. Cable shall be supplied, inspected, laid, tested and commissioned in accordance with specification, relevant Indian Standards specifications and cable manufacturer's instructions. The cable shall be delivered at site in original drums with manufacturer's name clearly written on the drums. The recommendations of the cable manufacturer with regard to jointing and sealing be strictly followed.
4. Cable Handling and Laying
Ensure that both ends of cable are properly sealed to prevent ingress / absorption of moisture. Before removing of cable from the drum, mount the latter properly on jacks or cable wheels.
5. The work shall be carried out keeping in mind the aesthetic requirement of individual site and matching of final work with the surrounding by proper finishing as necessary to maintain uniformity.
6. During fault finding of LT/HT cable disconnection of end termination kit at respective substation will be in the scope of contractor with all required labor, tools & material.
7. Contractor shall deposit / Hand over the old /unused cables from the existing route in sub division store. The tenderers shall quote the rate for cable laying which shall include the route marker (HT/LT laying), cable tagging, dressing, removing the old unused cable from the RCC trench, end termination, appropriate size of gland & ferrule work as per requirement etc.
8. Contractor shall depute the Authorized Electrical Engineer with Supervisor Certificate, who will remain on the job continuously during execution of work. In absence of Authorized Person, the work will not be allowed to carry out further and no compensation will be entitled for non-working or idle men power. In the event of any accident or damage / theft, same shall be borne by the contractor. DPT will not entertain any claim in this regard.
9. While crossing the rail / road, damaged caused to it should be set right by the contractor to the satisfaction of the Executive Engineer (Harbour), Deendayal Port Authority.
10. Before laying the new cables at existing route through Road / rail/ jetty, contractor shall take written permission from Engineer In-Charge, in this regard contractor shall make earmarked drawing in two sets, which will clearly indicate the route cable will pass and take permission.
11. Tools & tackles, Man power & Material, Vehicle etc. will be arranged by contractor to execute the work. No facility will be provided by DPA and will not entertain any claim against it. Moreover, the cable fault Detector to be kept at site 24x7 with pre-fault locator, route tracer, surge generator surge wave receiver & pin point fault locator complete set for fault finding of cable.

TECHNICAL SPECIFICATIONS

Technical Specification No.1

This includes supply of 3 Core Stranded Compacted Aluminium Conductor, Conductor Screen with Extruded Semi Conducting compound, XLPE insulated, Insulation Screening with extruded semi conducting compound in combination with copper tape, cores laid up, innersheath of PVC, Galvanised steel flat strip armoured & overall PVC sheathed cable conforming to IS 7098 (Part – II) with up to date Amendments of following size.

- a) 3C X 150 Sq mm (E) XLPE Insulated
- b) 3C X 300 Sq mm (E) XLPE Insulated

Technical Specification No. 2

Supply of XLPE Insulated, 4 Core 1.1 KV LT, cores laid up PVC Inner sheathed, armoured, with extruded PVC Aluminium conductor cable as per IS-7098(Part I) 1988 with up to date amendment as per following size.

- a) 4C X 16 Sq.mm XLPE Insulated.
- b) 4C X 25 Sq.mm XLPE Insulated.
- c) 4C X 50 Sq.mm XLPE Insulated
- d) 4C X 70 Sq.mm XLPE Insulated.
- e) 4C X 95 Sq.mm XLPE Insulated
- f) 4C X 150 Sq.mm XLPE Insulated

Technical Specification No. 3

This includes laying of up to 3 C x 70 to 185 Sq.mm HT armored aluminium Conductor XLPE Cable of 11KV Grade (excluding supply of cable) through.

(a) Through RCC Trench

The cable shall be laid after opening of RCC trench by removing the RCC Covers either through manpower or earthmover & cable trench shall be cleaned properly including removal of garbage, stones, bricks & old unused cables etc from the trench line without damaging the other cables laying in the trench. After laying of the cable, cable trench shall be properly covered with removed RCC covers as per original. 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, the straight through joint shall not be considered in the quantity of Item no. 7 & 8 of Schedule - B. This includes all labour and material as directed by Engineer-in-Charge.

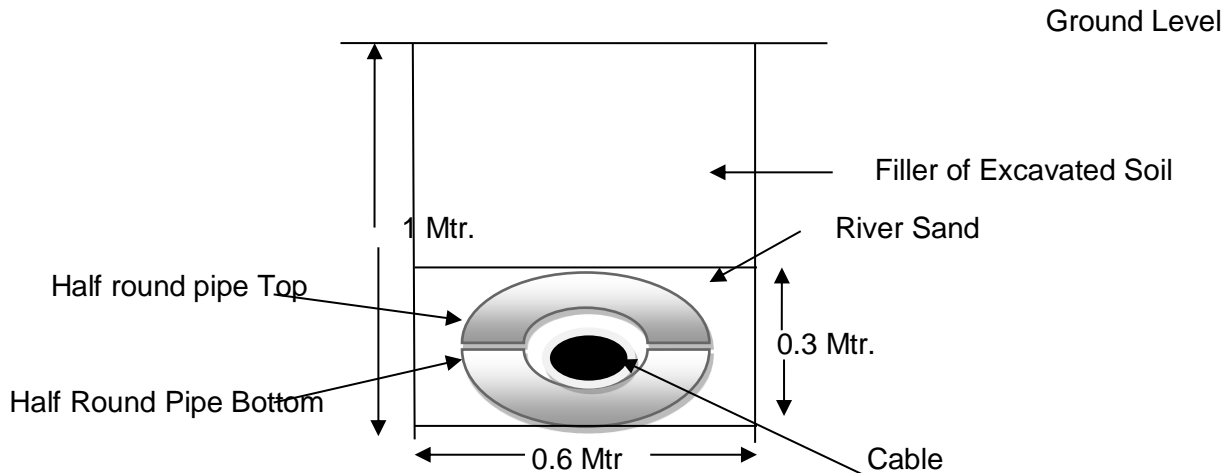
(b) Through Hard & soft soil

This includes laying of cable up to 3 core 70 to 185 Sq.mm HT armored aluminum Conductor XLPE Cable of 11KV Grade (excluding supply of cable) through excavation of trench 0.6 meter wide and 1 meter deep in soft/hard soil. The cable should be placed inside heavy duty RCC Half Round Pipe of 8" inner Dia and 1 Meter length and such RCC Half Round Pipes must be placed in such a fashion so as to provide support under the cable with one half and covering over the cable with the other half.

The bed of 50mm of river sand shall be provided in the bottom of the excavated trench. The RCC Pipe shall be laid over the bed of river sand. This includes filling of gaps by fresh river sand and filling the trench upto at least 300mm height from bottom by fresh river sand. The remaining 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 spread in low lying areas as directed by Engineer in Charge or his nominee. The contractor shall provide heat shrinkable straight through joints 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. Such cable joints shall be under the scope of work of the contractor at no extra cost or obligation from DPA. Such cable joining work is completely to be done by the contractor at his own cost.

The below figure indicates the expected arrangement of laying of cables:



Technical Specification No. 4

This includes laying of up to 3 C x 240 to 400 Sq.mm HT armored aluminium Conductor XLPE Cable of 11KV Grade (excluding supply of cable) through.

(a) RCC Trench

The cable shall be laid after opening of RCC trench by removing the RCC Covers either through manpower or earthmover & cable trench shall be cleaned properly including removal of garbage, stones, bricks & old unused cables etc from the trench line without damaging the other cables laying in the trench. After laying of the cable, cable trench shall be properly covered with removed RCC covers as per original. 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, the straight through joint shall not be considered in the quantity of Item no. 7 & 8 of Schedule - B. This includes all labour and material as directed by Engineer-in-Charge.

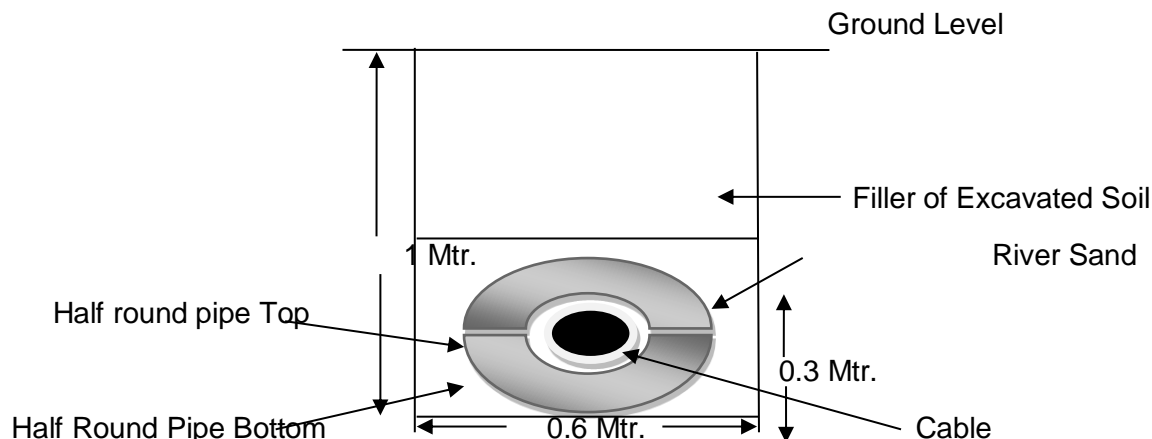
(b) Hard & soft soil

This includes laying of cable up to 3 core 240 to 400 Sq.mm HT armored aluminum Conductor XLPE Cable of 11KV Grade (excluding supply of cable) through excavation of trench 0.6 meter wide and 1 meter deep in soft/hard soil. The cable should be placed inside heavy duty RCC Half Round Pipe of 8" inner Dia and 1 Meter length and such RCC Half Round Pipes must be placed in such a fashion so as to provide support under the cable with one half and covering over the cable with the other half.

The bed of 50mm of river sand shall be provided in the bottom of the excavated trench. The RCC Pipe shall be laid over the bed of river sand. This includes filling of gaps by fresh river sand and filling the trench upto at least 300mm height from bottom by fresh river sand. The remaining 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 spread in low lying areas as directed by Engineer in Charge or his nominee. The contractor shall provide heat shrinkable straight through joints 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. Such cable joints shall be under the scope of work of the contractor at no extra cost or obligation from DPA. Such cable joining work is completely to be done by the contractor at his own cost.

The below figure indicates the expected arrangement of laying of cables:



Technical Specification No. 5

Cable shall be laid underneath by using Horizontal Directional Drilling (HDD) method by putting suitable diameter HDPE pipe (suitable for cable size up to HT 3CX 400 Sq.mm having strength 10Kg/sq.cm, shall in contractor scope), The contractor shall arranged JCB Machine for excavation, water for drilling, de-watering pump, HDD equipments of 32 Ton or above capacity along with mud pump at their own cost. The cable shall be pass through heavy duty HDPE pipe buried at nominal minimum depth 165 cm or according to construction of RCC Road/ Rail network or as per directed by EIC. For single cable individual HDPE shall be pass through a road /rail crossing, for separate cable. Separate HDPE pipe shall pass through the Tunnel / trench. Laying of HDPE pipes coupled by HDPE socket only after standard length in excavated trench/tunnel and also sealing of HDPE pipe ends by suitable cap at every manhole. Back filling & dressing of excavated trenches as per specification. This includes all labour and material as directed by Engineer-in-Charge.

Technical Specification No.6

This includes laying of cable size up to 4 core x 150 Sq.mm LT armored aluminum Conductor XLPE Cable of 1.1KV Grade through.

- a) **In RCC Trench:** - The cable shall be laid after opening of RCC trench by removing the RCC Covers & cable trench shall be cleaned properly including removal of garbage, stones, bricks & old unused cables etc. from the trench line without damaging the other cables laying in the trench. After laying of the cable, cable trench shall be properly covered with removed RCC covers as per original. 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.

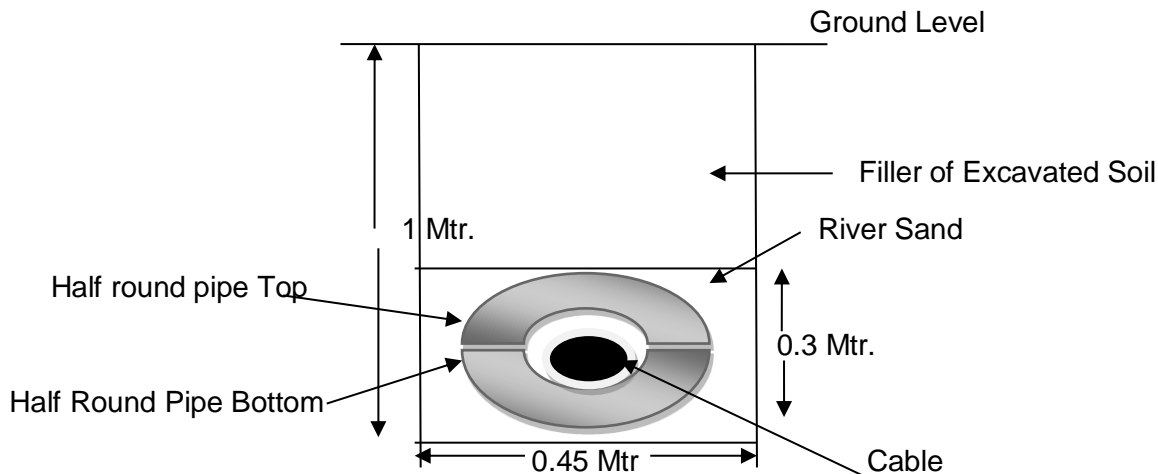
b) **Hard & soft soil**

This includes laying of cable up to 4 C x 150 Sq.mm LT armored aluminum Conductor XLPE Cable of 1.1KV Grade (excluding supply of cable) through excavation of trench 0.45 meter wide and 1 meter deep in soft/hard soil. The cable should be placed inside heavy duty RCC Half Round Pipe of 6' to 8" inner Dia (Depend on Size of Cable) and 1 Meter length and such RCC Half Round Pipes must be placed in such a fashion so as to provide support under the cable with one half and covering over the cable with the other half.

The bed of 50mm of river sand shall be provided in the bottom of the excavated trench. The RCC Pipe shall be laid over the bed of river sand. This includes filling of gaps by fresh river sand and filling the trench upto at least 300mm height from bottom by fresh river sand. The remaining 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

spread in low lying areas as directed by Engineer in Charge or his nominee. The contractor shall provide heat shrinkable straight through joints 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. Such cable joints shall be under the scope of work of the contractor at no extra cost or obligation from DPA. Such cable joining work is completely to be done by the contractor at his own cost.

The below figure indicates the expected arrangement of laying of cables:



- c) This includes laying of cable size up to 95 sq.mm LT cable through wall/Truss/structure. Laying of single / double length cable up to 3 ½ / 4.0 core x 35 Sq.mm LT armored aluminum Conductor XLPE Cable of 1.1KV Grade on existing wall/cement structure/Truss/Perlin through PVC pipe of approved make. (Suitable for size of cable up to 95 sq. mm.) The G.I. Saddle set with base & Clamps shall be provided of suitable size (with respect to PVC pipe 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 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.

Technical Specification No.7

This includes laying of cable size up to 4 core x 185 to 400 Sq.mm LT armored aluminum Conductor XLPE Cable of 1.1KV Grade through.

- a) **In RCC Trench:** - The cable shall be laid after opening of RCC trench by removing the RCC Covers & cable trench shall be cleaned properly including removal of garbage, stones, bricks & old unused cables etc. from the trench line without damaging the other cables laying in the trench. After laying of the cable, cable trench shall be properly covered with removed RCC covers as per original. 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.

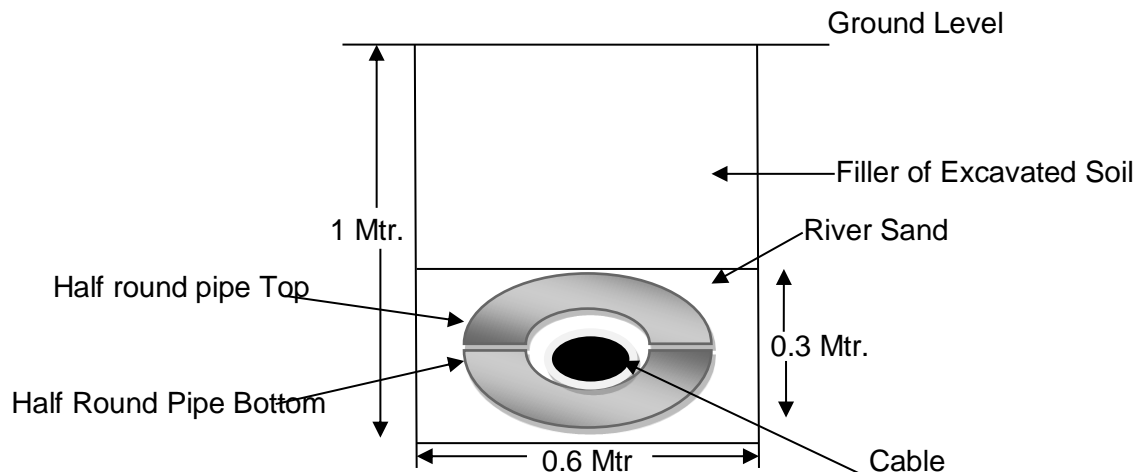
b) **Hard & soft soil**

This includes laying of cable up to 4 C x 185 to 300 Sq.mm LT armored aluminum Conductor XLPE Cable of 1.1KV Grade (excluding supply of cable) through excavation of trench 0.6 meter wide and 1 meter deep in soft/hard soil. The cable should be placed inside heavy duty RCC Half Round Pipe of 6' to 8" inner Dia (Depend on Size of Cable) and 1 Meter length and such RCC Half Round Pipes must be placed in such a fashion so as to provide support under the cable with one half and covering over the cable with the other half.

The bed of 50mm of river sand shall be provided in the bottom of the excavated trench. The RCC Pipe shall be laid over the bed of river sand. This includes filling of gaps by fresh river sand and filling the trench upto at least 300mm height from bottom by fresh river sand. The remaining 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 spread in low lying areas as directed by Engineer in Charge or his nominee. The contractor shall provide heat shrinkable straight through joints 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. Such cable joints shall be under the scope of work of the contractor at no extra cost or obligation from DPA. Such cable joining work is completely to be done by the contractor at his own cost.

The below figure indicates the expected arrangement of laying of cables:



Technical Specification No.8

Cable shall be laid underneath by using Horizontal Directional Drilling (HDD) method by putting suitable diameter HDPE pipe (suitable for cable size up to LT 4C X 300 Sq.mm having strength 10Kg/sq.cm, shall in contractor scope), The contractor shall arranged JCB Machine for excavation, water for drilling, de-watering pump, HDD equipments of 32 Ton or above capacity along with mud pump at their own cost. The cable shall be pass through heavy duty HDPE pipe buried at nominal minimum depth 165 cm or according to construction of RCC Road/ Rail network or as per directed by EIC. For single cable individual HDPE shall be pass through a road /rail crossing, for separate cable. Separate HDPE pipe shall pass through the Tunnel / trench. Laying of HDPE pipes coupled by HDPE socket only after standard length in excavated trench/tunnel and also sealing of HDPE pipe ends by suitable cap at every manhole. Back filling & dressing of excavated trenches as per specification. This includes all labour and material as directed by Engineer-in-Charge.

Technical Specification No.9

- a) This includes supply of heat shrinkable straight through joint kit suitable for HT XLPE power cable jointing to HT 3 Core X 120-185 sq mm. The supply of cable joint kits as per approved make.
- b) This includes supply of heat shrinkable straight through joint kit suitable for HT XLPE power cable jointing to HT 3 Core X 240-400 sq mm. The supply of cable joint kits as per approved make.

Technical Specification No.10

- a) This includes fixing of heat shrinkable Straight through joint suitable for flexible power cable jointing to HT 3 Core X 95-120 sq mm . This including fixing of all required materials. The joint shall be made in such a way that joined section can be reeled without sagging and also joint shall be electrically and mechanically permanent. The work includes all labour, tools tackles, joint kit of approved make and as directed by Engineer-in-Charge.

- b) This includes fixing of heat shrinkable Straight through joint suitable for flexible power cable jointing to HT 3 Core X 120-185 sq mm . This including fixing of all required materials. The joint shall be made in such a way that joined section can be reeled without sagging and also joint shall be electrically and mechanically permanent. The work includes all labour, tools tackles, joint kit of approved make and as directed by
- c) This includes fixing of heat shrinkable Straight through joint suitable for flexible power cable jointing to 3 Core X 240-400 sq mm grade. This including fixing of all required materials. The joint shall be made in such a way that joined section can be reeled without sagging and also joint shall be electrically and mechanically permanent. The work includes all labour, tools tackles, joint kit of approved make and as directed by Engineer-in-Charge.

Technical Specification No.11

- a) This includes supply of heat shrinkable straight through joint kit suitable for LT 1.1 KV XLPE power Aluminium armoured cable having size up to 4 Core X 6-16 sq. mm The cable joint kits shall be supplied as per approved make.
- b) This includes supply of heat shrinkable straight through joint kit suitable for LT 1.1 KV XLPE power Aluminium armoured cable having size up to 4 Core X 25-50 sq. mm The cable joint kits shall be supplied as per approved make.
- c) This includes supply of heat shrinkable straight through joint kit suitable for LT 1.1 KV XLPE power Aluminium armoured cable having size up to 4 Core X 70-150 sq. mm The cable joint kits shall be supplied as per approved make.
- d) This includes supply of heat shrinkable straight through joint kit suitable for LT 1.1 KV XLPE power Aluminium armoured cable having size up to 4 Core X 185-300 sq. mm The cable joint kits shall be supplied as per approved make.

Technical Specification No.12

- a) This includes fixing of heat shrinkable Straight through joint suitable for LT 4 Core X 6-16 sq mm 1.1 KV, Aluminium armored cable. This including fixing of all required materials. The joint shall be made in such a way that joined section can be reeled without sagging and also joint shall be electrically and mechanically permanent. The work includes all labour, tools tackles, joint kit of approved make and as directed by Engineer-in-Charge.
- b) This includes fixing of heat shrinkable Straight through joint suitable for LT 4 Core X 25-50 sq mm 1.1 KV, Aluminium armored cable. This including fixing of all required materials. The joint shall be made in such a way that joined section can be reeled without sagging and also joint shall be electrically and mechanically permanent. The work includes all labour, tools tackles, joint kit of approved make and as directed by Engineer-in-Charge.
- c) This includes fixing of heat shrinkable Straight through joint suitable for LT 4 Core X 70-150 sq mm 1.1 KV, Aluminium armored cable. This including fixing of all required materials. The joint shall be made in such a way that joined section can be reeled without sagging and also joint shall be electrically and mechanically permanent. The work includes all labour, tools tackles, joint kit of approved make and as directed by Engineer-in-Charge.
- d) This includes fixing of heat shrinkable Straight through joint suitable for LT 4 Core X 185-300 sq mm 1.1 KV, Aluminium armored cable. This including fixing of all required materials. The joint shall be made in such a way that joined section can be reeled without sagging and also joint shall be electrically and mechanically permanent. The work includes all labour, tools tackles, joint kit of approved make and as directed by Engineer-in-Charge

Technical Specification No.13

This include supply of following type end termination HT XLPE indoor kit as per approved make list.

- a) HT 3C x 70 - 95 Sq.mm cable

- b) HT 3C x 120 - 185 Sq.mm cable
- c) HT 3C x 240 - 400 Sq.mm cable

Technical Specification No.14

This include making/fixing of following type end termination HT XLPE indoor kit

- a) HT 3C x 70 - 95 Sq.mm cable
- b) HT 3C x 120 - 185 Sq.mm cable
- c) HT 3C x 240 - 400 Sq.mm cable

Technical Specification No. 15

The work involves, fault finding by the cable fault locating machine in HT & LT underground cable network of various sizes by Fault finder by surge wave generator & receiver for pin point location, firm shall also arrange the pre – fault / distance locator for tracing the fault position. The equipment should be versatile to test HT & LT cables of different types, sizes and voltage levels like 11KV and 415V. The kit shall be used for cable types namely XLPE, PVC, PILC with Al / Cu conductor. The works include for restoring the healthy power on faulty cable as intimated by concerned EIC or his nominee.

The work comprise with necessary excavation work in RCC/Road/Hard & Soft soil for identify the fault is the scope of contractor by the JCB/pneumatic Breaker / excavator etc. After completion of joint work, excavated stuff shall be back filled as per its original position. Insulation Resistance value shall be measured by the contractor at both end of cable. The work include with all required Tools, Tackle, Measuring equipment, man & material & as directed by EIC.

Technical Specification No. 16

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 with IS: 694/1990 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 with IS: 9537 (Part-III) 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.

Technical Specification No. 17

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 with IS: 694/1990 of size 4 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 with IS: 9537 (Part-III) 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.

Technical Specification No. 18

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 with IS: 694/1990 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 with IS: 9537 (Part-III) 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 also includes providing & fixing of Bell Push/Flush type SP switch 6A x 250V semi-modular Anchor Nova type or equivalent with ISI mark and to meet specifications of IS: 3854 & 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.

Technical Specification No. 19

The item includes providing & fixing concealed wiring for fan point from switchboard with Flame Retardant, 1100 Voltage grade, single core stranded copper conductor wire with IS: 694/1990 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 with IS: 9537 (Part-III) 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 semi-modular Anchor Nova type or equivalent with ISI mark and to meet specifications of IS: 3854, 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.

Technical Specification No. 20

The item includes providing & fixing concealed wiring for plug point with Flame Retardant, 1100 Voltage grade, single core stranded copper conductor wire with IS: 694/1990 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 with IS: 9537 (Part-III) 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 semi-modular with ISI mark and to meet specifications of IS: 3854, 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.

Technical Specification No. 21

The item includes providing & fixing half point in switch board with Flame Retardant, 1100 Voltage grade, single core stranded copper conductor wire with IS: 694/1990 of size 1.5 sq. mm. for phase, neutral & earth. The work consists providing & fixing of Flush type SP switch 6A x 250V modular type with ISI mark and to meet specifications of IS: 3854, and 1Nos. 2 in 1 socket 6A x 250V made on switchboard. 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.

The PVC box shall be embedded properly in the wall and the switches & Sockets 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.

Technical Specification No. 22

The item includes providing & fixing concealed wiring for Power point with Flame Retardant, 1100 Voltage grade, single core stranded copper conductor wire with IS: 694/1990 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 with IS: 9537 (Part-III) 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 20A & 10A 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.

Technical Specification No. 23

The item includes providing & fixing concealed wiring for A.C point with Flame Retardant, 1100 Voltage grade, single core stranded copper conductor wire with IS: 694/1990 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 with IS: 9537 (Part-III) 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. The work also includes providing & fixing of 20A Metal clad Plug & Socket with sheet steel enclosure with 'C' curve SP MCB of 20A x 240V, 10 kA breaking capacity rating. The MCB shall be conforms to IS: 8828:96/IEC 60898-1:2002. The sheet steel enclosure box shall be embedded properly in the wall. 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.

Technical Specification No. 24

The item includes providing & fixing 32 Amps. flush type DP with neon indicator for concealed wiring. The flush type 32A DP shall be wired with Flame Retardant, 1100 Voltage grade, single core stranded copper conductor wire with IS: 694/1990 of size 2.5 sq. mm. The work consists providing & fixing of 32 Amps. flush type DP with neon indicator with ISI mark. The PVC box of suitable size shall be embedded properly in the wall and the 32 Amps. flush type DP with neon indicator shall be fixed on PVC cover of 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.

Technical Specification No. 25

The item includes providing & fixing surface 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 with IS: 694/1990 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 with IS: 9537 (Part-III) of size 25 mm Diameter of Medium Mechanical Strength (MMS) type/oval shape PVC conduit pipe of 25mm and other accessories such as Tee, junction box, inspection bends, elbow etc. of approved make as directed by Engineer-in-Charge. The PVC round/oval conduit shall be fixed rigidly on wall/ceiling with suitable size heavy duty PVC saddle set with base, clamp & screw at the interval of 0.5 meter. 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.

Technical Specification No. 26

The item includes providing & fixing surface 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 with IS: 694/1990 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 with IS: 9537 (Part-III) of size 25 mm Diameter of Medium Mechanical Strength (MMS) type/oval shape PVC conduit pipe of 25mm and other accessories such as Tee, junction box, inspection bends, elbow etc. of approved make as directed by Engineer-in-Charge. The PVC round/oval conduit shall be fixed rigidly on wall/ceiling with suitable size heavy duty PVC saddle set with base, clamp & screw at the interval of 0.5 meter. 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.

Technical Specification No. 27

The item includes providing & fixing surface wiring for light/tube/bell point from switchboard with Flame Retardant, 1100 Voltage grade, single core stranded copper conductor wire with IS: 694/1990 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 with IS: 9537 (Part-III) of size 20 mm Diameter of Medium Mechanical Strength (MMS) type/20mm oval shape PVC conduit pipe of 20mm and other accessories such as Tee, junction box, inspection bends, elbow etc. of approved make as directed by Engineer-in-Charge. The PVC round/oval conduit shall be fixed rigidly on wall/ceiling with suitable size heavy duty PVC saddle set with base, clamp & screw at the interval of 0.5 meter. The work consists providing & fixing of Bell Push/Flush type SP switch 6A x 250V semi modular with ISI mark and to meet specifications of IS: 3854 & 3 plate Ceiling Rose/Angle Holder made from polycarbonate on suitable size of PVC box with cover. The PVC box shall be rigidly fixed with cemented wooden gutties on the wall and the switches shall be fixed on cover of the 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.

Technical Specification No. 28

The item includes providing & fixing surface wiring for fan point from switchboard with Flame Retardant, 1100 Voltage grade, single core stranded copper conductor wire with IS: 694/1990 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 with IS: 9537 (Part-III) of size 20 mm Diameter of Medium Mechanical Strength (MMS) type/20mm oval shape PVC conduit pipe and other accessories such as Tee, junction box, inspection bends, elbow etc. of approved make as directed by Engineer-in-Charge. The PVC round/oval conduit shall be fixed rigidly on wall/ceiling with suitable size heavy duty PVC saddle set with base, clamp & screw at the interval of 0.5 meter. The work consists providing & fixing of Flush type SP switch 6A x 250V semi modular with ISI mark and to meet specifications of IS: 3854, 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 rigidly fixed with cemented wooden gutties on the wall and the switches shall be fixed on cover of the 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.

Technical Specification No. 29

The item includes providing & fixing surface wiring for plug point with Flame Retardant, 1100 Voltage grade, single core stranded copper conductor wire with IS: 694/1990 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 with IS: 9537 (Part-III) of size 20 mm Diameter of Medium Mechanical Strength (MMS) type/20mm oval shape PVC conduit pipe and other accessories such as Tee, junction box, inspection bends, elbow etc. of approved make as directed by Engineer-in-Charge. The PVC round/oval conduit shall be fixed rigidly on wall/ceiling with suitable size heavy duty PVC saddle set with base, clamp & screw at the interval of 0.5 meter. The work consists providing & fixing of Flush type SP switch 6A x 250V semi modular with ISI mark and to meet specifications of IS: 3854, and 2 in 1 socket 6A x 250V made from polycarbonate on suitable size of PVC box with cover. The PVC box shall be rigidly fixed with cemented wooden gutties on the wall and the switch & Socket shall be fixed on cover of the 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.

Technical Specification No. 30

The item includes providing & fixing half point in existing switch board with Flame Retardant, 1100 Voltage grade, single core stranded copper conductor wire with IS: 694/1990 of size 1.5 sq. mm. for phase, neutral & earth. The work consists providing & fixing of Flush type SP switch 6A x 250V semi modular with ISI mark and to meet specifications of IS: 3854, 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.

Technical Specification No. 31

The item includes providing & fixing surface wiring for plug point for computers (With 3nos. 2 in 1 socket 6A x 250V & 3 nos. Flush type SP switch 6A x 250V) with Flame Retardant, 1100 Voltage grade, single core stranded copper conductor wire with IS: 694/1990 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 with IS: 9537 (Part-III) of size 20 mm Diameter of Medium Mechanical Strength (MMS) type/20mm oval shape PVC conduit pipe and other accessories such as Tee, junction box, inspection bends, elbow etc. of approved make as directed by Engineer-in-Charge. The PVC round/oval conduit shall be fixed rigidly on wall/ceiling with suitable size heavy duty PVC saddle set with base, clamp & screw at the interval of 0.5 meter. The work consists providing & fixing of 3 nos. Flush type SP switch 6A x 250V semi modular with ISI mark and to meet specifications of IS: 3854, and 3 nos. 2 in 1 socket 6A x 250V made from polycarbonate on suitable size of PVC box with cover. The PVC box shall be rigidly fixed with cemented wooden gutties on the wall and the switches & Sockets shall be fixed on cover of the 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.

Technical Specification No. 32

The item includes providing & fixing surface wiring for A.C point with Flame Retardant, 1100 Voltage grade, single core stranded copper conductor wire with IS: 694/1990 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 with IS: 9537 (Part-III) of size 25 mm Diameter of Medium Mechanical Strength (MMS) type/25mm oval shape PVC conduit pipe and other accessories such as Tee, junction box, inspection bends, elbow etc. of approved make as directed by Engineer-in-Charge. The PVC round/oval conduit shall be fixed rigidly on wall/ceiling with suitable size heavy duty PVC saddle set with base, clamp & screw at the interval of 0.5 meter. The work consists providing & fixing of 20A Metal clad Plug & Socket with sheet steel enclosure with SP MCB of 20A x 240V, 10 kA breaking capacity rating. The MCB shall be conforms to IS: 8828:96/IEC 60898-1:2002. The sheet steel enclosure box shall be rigidly fixed with cemented wooden gutties on the wall. 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.

Technical Specification No. 33

The item includes providing & fixing surface wiring for Power point with Flame Retardant, 1100 Voltage grade, single core stranded copper conductor wire with IS: 694/1990 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 with IS: 9537 (Part-III) of size 25 mm Diameter of Medium Mechanical Strength (MMS) type/25mm oval shape PVC conduit pipe and other accessories such as Tee, junction box, inspection bends, elbow etc. of approved make as directed by Engineer-in-Charge. The PVC round/oval conduit shall be fixed rigidly on wall/ceiling with suitable size heavy duty PVC saddle set with base, clamp & screw at the interval of 0.5 meter. The work consists providing & fixing of 5 in 1 combined unit suitable for 20A & 10A with switch, socket, fuse & indicator with ISI mark. The PVC box of suitable size shall be rigidly fixed with cemented wooden gutties on the wall and the combined unit shall be fixed on 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

Technical Specification No. 34

The item includes providing & fixing 32 Amps. surface type DP with neon indicator for surface wiring. The surface type 32A DP shall be wired with Flame Retardant, 1100 Voltage grade, single core stranded copper conductor wire with IS: 694/1990 of size 2.5 sq. mm. The work consists providing & fixing of 32 Amps. surface type DP with neon indicator with ISI mark. The PVC box of suitable size shall be rigidly fixed with cemented wooden gutties on the wall and the 32 Amps. surface type DP with neon indicator shall be fixed on PVC cover of the 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.

Technical Specification No. 35

This includes supply of 4 way Double Door TPN DB as per following specification & make.

- No. of Ways: 4 (8 Incomer + 12 Outgoing)

Protection device type: Main incomer: Molded case circuit breaker (MCB) - 3P or 4P

Outgoing: Miniature circuit breaker (MCB) - 1P or 3P

Enclosure/Cubicle description: Double door enclosure

Enclosure material: CRCA

Colour: White (RAL 9003)

Total number of 18 mm modules: 20

Environment

- IP degree of protection IP43

- IK degree of protection IK09

Standards IS 8623-1 IS 8623-3 IEC 61439-3

Product certifications: NABL

Make: L & T/Schneider/Siemens/ABB/Hager

The DB shall be fitted with Busbar, DIN Rail and neutral link. The rates shall be excluding the cost of MCB as directed by Engineer-in-Charge.

Technical Specification No. 36

This includes fixing & commissioning of supplied double door 4 Way TPN 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.

Technical Specification No. 37

The works include Providing & fixing chemical treated back filled compound earthing station, in Pipe for 2000 Amps (LT) capacity, complete with civil work. Marking on each earth pit coloured / painted by yellow painted on top and value also mentioned on top which less than 1 ohm. Necessary PCC chamber shall be provided surrounding earthing pit & also value of earth resistance shall be mentioned by providing and fixing of hoarding by mentioning Earth Pit ID No., Testing Date, Ohmic Value and testing due date. 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.

Technical Specification No. 39

The works include supply of the following size earth strip & wire. from earth station to equipment / Main DB or as per site requirement. 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.

a) 12 SWG GI earthing wire

b) 25X 3 Hot DIP GI strips, having minimum 80 Micron galvanized coating.

c) 50X 6 Hot DIP GI strips, having minimum 80 Micron galvanized coating.

Technical Specification No. 40

This includes Laying & connecting, following size earthing wire & earthing strips from earth station to equipment / Main DB or as per site requirement. 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.

- a) 12 SWG GI earthing wire
- b) 25X 3 Hot DIP GI strips.
- c) 50X 6 Hot DIP GI strips.

Note: 1) Any ancillary work arises during the execution of work, which is required to complete the work, the Contractor shall complete the item/items by carrying out such ancillary work without any extra payment.

2) The work shall be carried out with entire satisfaction of Engineer-in-Charge.

Signature & Seal of Contractor

Executive Engineer (E)
Deendayal Port Authority

Approved Make List for Electrical Items

Sr. No.	Description	Recommended Makes
1	HT 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/ /GLOSTER/ UNISTAR/ UNISTAR/KEI/FINOLEX/HAVELS
6	LT XLPE CABLES	POLYCAB/TORRENT/RPG ASIAN/ / RALLISON/PRIMECAB/ HAVELLS/ UNISTAR/AVOCAB / 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
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	SLECTOR 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	RR KABEL / KEI / POLYCAB/MILEX/GUJCAB/ STANDARD / FINOLEX / ANCHOR
24	FLUSH TYPE SWITCHES, SOCKETS, HOLDERS AND CEILING ROSES & ELECTRONIC REGULATORS	ANCHOR/MK/NORTHWEST/VINAY /PANAMA / HAVELLS
25	DOOR BELLS/CALL BELLS	ANCHOR/LEGEND/MK/NORTHWEST
26	MODULAR SWITCHES, SOCKETS, PLATES & BOXES	ANCHOR / MK / NORTHWEST / LEGRAND /HAVELLS / INDOASIAN / SIMENS.
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/C&S
31a	LED LUMINARIES	Philips /Bajaj/Wipro/CG/Surya/Pyrotech/Syska/Nessa/C&S having surge Protection $\geq 10\text{KV}$ for fittings & internal Surge Protection for Driver of $\geq 4\text{KV}$, LED Chip only OSRAM/CREE/Philips Lumileds/Citizen/ 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 or its equivalent
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	CUMMINS/GREAVES/KIRLOSKAR/ CATERPILLAR /ASHOK LEYLAND /VOLVO
	B) ALTERNATOR	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

Note:

In case of supply of Make of material which is not in the DPA approved Make list, the said material should be supplied as per the latest GETCO approved Make list.

In case of supply of Make of material which is neither available in the DPA approved Make list not in the latest GETCO approved Make list, the said material should be supplied as per the Make decided by EIC for which written intimation will be given to the contractor.

Before procurement of material, the Make of the material should be approved by EIC in writing.

**Seal & Sign of
Contractor**

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

SECTION - VI

Schedule-B

Sr. No.	Description	Qty	Unit	Rate	Amount
1	Supply at site 3 Core HT armoured aluminium conductor XLPE cable of 11KV grade of the following type & size as per IS: 7098 (Part - II) 1988 & as per Technical Specification No. 1 a) 3 core x 150 Sq.mm(U/E) b) 3 Core X 300 Sq.mm (U/E)	2000 1000	Mtr. Mtr.		
2	Supply at site 4 Core LT armoured aluminium conductor XLPE cable of 1.1KV grade of the following type & size as per IS: 7098 (Part - I)1988 & as per Technical Specification No. 2. a) 4C X 16 Sq.mm XLPE Insulated. b) 4C x 25 Sq. mm. XLPE Insulated c) 4C X 50 Sq.mm XLPE Insulated. d) 4C X 70 Sq.mm XLPE Insulated e) 4C X 95 Sq.mm XLPE Insulated. f) 4C X 150 Sq.mm XLPE Insulated	1000 1000 1000 1500 1500 1000	Mtr. Mtr. Mtr. Mtr. Mtr. Mtr.		
3	Laying, Testing & Commissioning of HT XLPE cable up to 3C x 70 to 185 sq.mm. through following and as per Technical Specification No.3 a) RCC Cable Trench b) Hard & Soft soil	4000 3000	Mtr. Mtr.		
4	Laying, Testing & Commissioning of HT XLPE cable up to 3C x 240 to 400 sq.mm. through following and as per Technical Specification No.4 a) RCC Cable Trench b) Hard & Soft soil	2000 1000	Mtr. Mtr.		
5	Laying of HT Cable up to 3C x 400 sq.mm through Horizontal Boring underneath RCC Road /Rail Crossing with HDPE Heavy Duty Pipe as per Technical specification No 5	1000	Meter		

6	Laying, Testing and Commissioning of L.T XLPE insulated, armoured aluminium conductor cable up to 4C x 150 sq. mm. through following and as per Technical Specification no. 6				
	a) Through RCC Trench	3500	Mtr.		
	b) Through Hard & soft soil	3000	Mtr.		
	c) Laying of cable through Wall/trusses/ structure in PVC pipe	800	Mtr.		
7	Laying, Testing and Commissioning of L.T XLPE insulated, armoured aluminium conductor cable up to size 4C x 185 to 300 sq. mm. through following and as per Technical Specification no. 7				
	a) Through RCC Trench	3500	Mtr.		
	b) Through Hard & soft soil	3000	Mtr.		
8	Laying of LT Cable up to 4C x 300 sq.mm through Horizontal Boring underneath RCC Road/Rail Crossing with HDPE Heavy Duty Pipe as per Technical specification No 8	2000	Mtr.		
9	Supply of heat shrink straight through Joint kit of 11KV XLPE 3 Core Aluminium armoured cable of following sizes as per Technical Specification No. 9.				
	a) HT 3C x 120 - 185 Sq.mm cable	70	Nos.		
	b) HT 3C x 240 - 400 Sq.mm cable	70	Nos.		
10	Making of heat shrink straight through Joint kit of 11KV XLPE 3 Core aluminium armoured cable of following sizes as per Technical Specification No. 10.				
	a) HT 3C x 70 - 95 Sq.mm cable	20	Nos.		
	b) HT 3C x 120 - 185 Sq.mm cable	70	Nos.		
	c) HT 3C x 240 - 400 Sq.mm cable	70	Nos.		
11	Supply of heat shrink straight through Joint kit of 1.1KV XLPE 4 Core Aluminium armoured cable of following sizes as per Technical Specification No. 11.				
	a) LT 4C x 6 - 16 Sq.mm cable	15	Nos.		
	b) LT 4C x 25 - 50 Sq.mm cable	50	Nos.		
	c) LT 4C x 70 - 150 Sq.mm cable	25	Nos.		
	d) LT 4C x 185 - 300 Sq.mm cable	20	Nos.		

12	<p>Making of heat shrink straight through Joint Kit suitable for L.T. 1.1 KV XLPE 4 Core armoured cable of following size as per Technical specification No. 12.</p> <p>a) LT 4C x 6 - 16 Sq.mm cable</p> <p>b) LT 4C x 25 - 50 Sq.mm cable</p> <p>c) LT 4C x 70 - 150 Sq.mm cable</p> <p>d) LT 4C x 185 - 300 Sq.mm cable</p>	15 50 25 20	Nos. Nos. Nos. Nos.		
13	<p>Supply of Heat shrink end termination kit (Indoor Type) for 11KV 3Core H.T XLPE cable as per Technical Specification No. 13</p> <p>d) HT 3C x 70 - 95 Sq.mm cable</p> <p>e) HT 3C x 120 - 185 Sq.mm cable</p> <p>f) HT 3C x 240 - 400 Sq.mm cable</p>	10 10 10	Nos. Nos. Nos.		
14	<p>Making of Heat shrink end termination kit (Indoor Type) for 11KV 3Core H.T XLPE cable as per Technical Specification No. 14</p> <p>a) HT 3C x 70 - 95 Sq.mm cable</p> <p>b) HT 3C x 120 - 185 Sq.mm cable</p> <p>c) HT 3C x 240 - 400 Sq.mm cable</p>	10 10 10	Nos. Nos. Nos.		
15	<p>Locating Fault in HT & LT underground cable of various sizes by Fault Locator & route tracer Machine. As per Technical Specification No:- 15</p> <p>a) HT Cable Faults</p> <p>b) LT Cable Faults</p>	70 50	Nos. Nos.		
16	<p>Providing & fixing following concealed wiring for single phase sub-circuit from the main switch /Meter/ DBs /MCBs to the switch board with 2 x 2.5 sq. mm. copper conductor as per Technical Specification No. 16</p>	2000	Mtr.		
17	<p>Providing & fixing following concealed wiring for single phase sub-circuit from the main switch /Meter/ DBs /MCBs to the switch board with 2 x 4 sq. mm. copper conductor as per Technical Specification No. 17</p>	500	Mtr		
18	<p>Providing and Fixing concealed wiring for light/tube/bell point with PVC insulated single core standard 1.5 Sq.mm. copper conductor wire as per Technical Specification No. 18</p>	500	Nos.		
19	<p>Providing and Fixing concealed wiring for Fan point with PVC insulated single core standard 1.5 Sq.mm. copper conductor wire & single/twin module step cut electronic fan regulator as case may be as per Technical Specification No. 19</p>	300	Nos.		

20	Providing and fixing concealed wiring for 5/6 A X 250 Volt plug point as per Technical Specification no. 20	200	Nos.		
21	Providing and fixing concealed wiring for 5/6A X250 Volt Half point as per Technical Specification No. 21	400	Nos.		
22	Providing and fixing concealed wiring for 15/16A X250 Volt power point as per Technical Specification No. 22	200	Nos.		
23	Providing and fixing concealed wiring for 20A, A.C point as per Technical Specification no. 23	50	Nos.		
24	Providing and fixing concealed mounted 32 Amps.D.P. Switch Technical Specification no. 24	10	Nos.		
25	Providing & fixing following surface wiring for single phase sub-circuit with 2 x 2.5 sq.mm. copper conductor from the main switch /meter.DBs / MCBs to the switch board as per Technical Specification No. 25	1000	Mtr.		
26	Providing & fixing following surface wiring for single phase sub-circuit with 2 x 4 sq.mm. copper conductor from the main switch /meter.DBs / MCBs to the switch board as per Technical Specification No. 26	500	Mtr.		
27	Providing and Fixing surface wiring for light/tube/bell point with PVC insulated single core standard copper conductor wire as per technical specification no. 27	500	Nos.		
28	Providing and Fixing surface wiring for Fan point with PVC insulated single core standard 1.5 Sq.mm. copper conductor wire & single/twin module step cut electronic fan regulator as case may be as per Technical Specification No. 28	300	Nos.		
29	Providing and fixing surface wiring for 5/6 A X250 Volt plug point as per Technical Specification no. 29	300	Nos.		
30	Providing and fixing 5 pin 5/6 A X250 Volt half plug point as per Technical Specification no. 30	200	Nos.		
31	Providing and fixing surface wiring for 3 x 5/6A X250 Volt plug point with 3 nos. SP switches for computer as per Technical Specification no. 31	150	Nos.		
32	Providing and fixing surface wiring for 20A, A.C point as per technical specification no. 32	50	Nos.		
33	Providing and fixing surface wiring for 15/16A X 250Volt Power point as per Technical Specification no. 33	250	Nos.		
34	Providing and fixing surface mounted 32 Amps.D.P. Switch Technical Specification no. 34	25	Nos.		
35	Supply of following type distribution board as per Technical specification No:- 35 a). 4 Way TPN (8 + 12 Module) Double Door Distribution Board.	10	Nos.		

36	Installation of following type distribution board as per Technical specification No:- 36 a). 4 Way TPN (8 + 12 Module) Double Door Distribution Board.	10	Nos.		
37	Preparation earthing station, chemical treated back filled compound earthing system with Pipe-In-Pipe 50 mm Dia GI type 3 Mtr Depth , Maintenance free as per Technical Specification No. 37.	50	Nos.		
38	Supply of following type earth wire & strips for earth station as per Tech. spec. No:- 38. a) 12 SWG GI earthing wire. b) 25X3 Hot Dip GI Strips c) 50 X 6 Hot Dip GI Strips	300 200 200	Mtr. Mtr. Mtr.		
39	Fixing of following type earth wire for earth station to equipments as per requirement As per Tech. spec. No:- 39. a) 12 SWG GI earthing wire. b) 25 X 3 Hot Dip GI Strips c) 50 X 6 Hot Dip GI Strips	300 200 200	Mtr. Mtr. Mtr.		
Total Amount in INR					

(In words Rupees _____ only)

(NOTE: The rates should be inclusive of all taxes, duties, fees, cess etc and all incidental charges; but exclusive of GST).

Signature & Seal of Contractor

Sd/-
Executive Engineer (E)
Deendayal Port Authority

FORMAT FOR LAYING OF HT CABLE

Cable Size	Cable Drum No.	Cable Laying Route		Laying Medium			Route Marker Provided	Date of Charging of Cable	Signature of Representative of Contractor	Signature of Representative of DPA	Remarks
		From (Initial Reading of Length of Cable in Meter)	To (Final Reading of Length of Cable in Meter)	RCC Cable Trench	Hard & Soft Soil	Through HDD					

FORMAT FOR LAYING OF LT CABLE

Cable Size	Cable Drum No.	Cable Laying Route		Laying Medium			Route Marker Provided	Date of Charging of Cable	Signature of Representative of Contractor	Signature of Representative of DPA	Remarks
		From (Initial Reading of Length of Cable in Meter)	To (Final Reading of Length of Cable in Meter)	RCC Cable Trench	Hard & Soft Soil	Through HDD					

SECTION-IX

Format for submitting information for Bid Capacity

For calculating “A” of the formula.

Sr. No.	Financial Year	Value of work undertaken	Multiplying factor as given in the pre-qualification criteria	Value updated to the price level of the year (Col C x col D)
A	B	C	E	F
1				
2				
3				
4				
5				
6				
7				

For calculating “B” of the formula

Sr. No.	Name of client	Name of work	Work order no. and date	Schedule period of completion as per work order with start date	Contract value	Value of work done	Remaining value of work done	Anticipated date of completion	Remaining value of work done (Completion period of the work for which bids are invited by DPA) from the date of opening of preliminary bid

Signature & Seal of Contractor