



DEENDAYAL PORT AUTHORITY

Office of the Executive Engineer (H),
Nirman Building,
Kandla-Kachchh
www.deendayalport.gov.in

No: HW/WK/

Date: 20/09/2023

To,

Expression of Interest.

Sub: - "Providing PMC Services for carrying out Detailed Project Report for expansion of existing Railway siding for Tekra Port of Deendayal Port Authority to serve upcoming Projects at Tekra.

Sir,

Deendayal Port Authority intends to carry out the subject work of Harbour Division of Civil Engineering Department.

Kindly submit your Expression of Interest along with budgetary – offer for the items considered in preparation of the estimate under **Annexure-I**.

The rates quoted must be inclusive of all taxes, duties for performing scope of work & exclusive of GST. The GST applicable shall be shown separately, which shall not be considered for evaluation purposes.

Your Expression of interest along with budgetary quotation for the above work should be submitted through email to the id: kphdivision@gmail.com or hard copy to the following address on or before 27/09/2023 by 18:00 Hrs.

Address: -

Office of the Executive Engineer (H),
Harbour Division, 1st floor,
Nirman Building, – Kachchh (370201)

Thanking you,

Yours faithfully,

Executive Engineer (H)
Deendayal Port Authority

Annexure-I**BUDGETARY OFFER**

Sr. No.	Description	Unit	Rate (In Rs.)
1.	Providing PMC Services for carrying out Detailed Project Report for expansion of existing Railway siding for Tekra Port of Deendayal Port Authority to serve upcoming Projects at Tekra as per scope as described below:-	LS	

Scope of Work:-

The main objective of the PMC service is to prepare the i) Detailed Project Report (DPR) & ESP (got it approved from Railway), ii) prepare Estimate, DTP along with Specifications as per RDSO and iii) provide Supervision service during execution stage for expansion of existing Railway siding for Tekra Port of Deendayal Port Authority to serve upcoming Projects at Tekra

i. Prepare the Detailed Project Report (DPR) & ESP (got it approved from Railway):-

1. To study the approved Feasibility study Report along with Drawings and comply the observations of HQ and ADI Division of Western Railway and further suggest if any modification is required and incorporate the suggestions as well as observations in DPR.
2. Provide assistance in coordination with other organization like FCI etc to obtain NOC for connectivity as suggested in FSR.
3. To conduct engineering survey at Gandhidham station and along the existing siding including proposed corridor for development of railway siding.
4. To Plan and Study the railway connectivity from the serving station (Gandhidham) to proposed take off point/ handover point and assess the techno-economic feasibility of the railway connectivity to new terminal as well as for expansion of existing rail facility, by carrying out site inspection by a multi-disciplinary team comprising members from the associated disciplines of traffic/transportation, civil, signaling and electrical engineering of DPA and Western Railway.
5. To conduct foot by foot reconnaissance survey along the existing & proposed alignments, duly checking various geographical features and to assess modifications if any on alignment as per site conditions.
6. To Study and to prepare concept scheme for alternative proposals

for development of new rail facilities.

7. To carry out detailed route survey along alternative alignments from serving Railway station to proposed take off point and to take detailed longitudinal and transverse levels along the alignment to assess terrain.
8. To survey water courses for computation of flood discharge including fixing exact location of bridges on the alignment for proper drainage.
9. To fix bench marks & control points at suitable intervals along the line to facilitate checks during detailed survey work.
10. To design Junction arrangements at serving Railway station to handle client's projected volume of inward and outward traffic expeditiously and economically.
11. To prepare layout plan for construction of new rail facility and addition/modification to existing siding, considering projected traffic and ongoing overhead electrification work.
12. To study the section for commercial/ operational/ mechanical requirements of Railways to assess the modifications/ provisions to avoid future difficulties in detailed project study.
13. To assess the grades over the proposed alignment and to work out the approximate estimated quantities.
14. Preparation of Detailed Estimates for the work of providing expansion of existing Railway siding for Tekra Port of Deendayal Port Authority to serve upcoming Projects at Tekra based on the findings of the Survey.
15. To calculate land width required for development of new rail facility and also to work out additional land to be acquired along selected alignment and station yards, if any, including railway land to be licensed.
16. To give presentation about the details consider in DPR to client in presence of Competent Authority.
17. To prepare and submit Draft Detailed Project Report along with all drawings & abstract cost estimates for proposed augmentation work, in hard copy and soft copy and documents, to client.
18. To discuss with client and Railway authorities on proposed layout for expansion of existing line, for making changes in proposed alternatives, if required.
19. To make the modification in drawings and estimates for proposed work, based on the discussion with client, and submit Final DPR for the project to client.
20. To prepare and submit the final DPR & ESP along with all

drawings & abstract cost estimates to Railway and got approved from Railways. (5 to 7 copy).

21. Consultant has to provide the AutoCAD Drawing of Approved Drawing in ESP & DPR.

22. Consultant has to prepare structural design of all bridges/Culverts and R&D yard along with all facility like Building, platform etc. and duly vetted/approved the same by Indian Institute of Technology.

23. Consultant has to give details of method of handling container, system of working of rake movement and future traffic with consultation of Concessioner so that compliance can be sent on DPR.

24. Consultant has to provide the ground improvement study report if required for said railway layout as per attached Drawings.

ii. Prepare Estimate, DTP along with Specifications:-

1. Estimates of works catered in shall be as per current SOR-2022 of DPA. If certain items are not available in SOR-2022 then latest USSOR of Railway shall be followed after that if items are not available on both i.e. SOR 2022 & USSOR, the rate analysis based on prevailing market rates shall be prepared for working out the rate analysis (as per the transparency. policy of DPA). Consultant should obtain approval from Technical wing / competent Authority of DPA for such analysis of rates.
2. To prepare the Tender to execute the work as per DPR and ESP approved by Railways along-with specification as per RDSO, BoQ and Tender Drawings etc. and comply the observation and approve the same with Design Section and finance department of DPA.

iii. Provide Supervision service during execution stage:-

1. Technical and supervisory support during construction phase of work.
2. Review of PERT CHART submitted by contractor & other such documents for monitoring the Project.
3. Provides GFC Drawings.
4. Preparation of Phase-Wise Detailed Structural Designs and Working Drawings in Proper Scale as Necessary for Construction during construction phase.
5. CONSULTANT will supervise the construction work in order to ascertain that the works are carried out generally in accordance with the drawings and specifications.
6. Providing total furniture layout and detailed drawing during construction phase.
7. Consultant should submit Supervision plan, man power implementation schedule, quality control plan, bar chart, sop to

execute laboratory test schedule, during the start the construction work.

8. During construction phase, Consultant shall supervise the work so as to execute the work as per IS Codes & drawings, specification & Special Condition, BOQ of Tender.
9. During construction phase, Consultant will supervise Work inclusive but not limited to, prepare daily, weekly and monthly progress report, prepare scheduling of entire project, Quality control, Documentation, maintaining & checking daily record of labour, equipment, incoming-outgoing materials etc.
10. Consultant have to coordinate with Railway Department to take approval if required during the execution stage.
11. For above Services, consultant has to provide full time one site supervisor having Bachelor degree in Engineering and minimum 3 years experience in Railway field during execution stage. Site Supervisor directly report to Engineer In charge / Representative of Engineer In charge and keep him inform about ongoing activity, progress of work, quality and overall control on day to day basis.

5 Schedule:

- 5.1 The time period for providing Consultancy services for "Providing PMC Services for carrying out Detailed Project Report for expansion of existing Railway siding for Tekra Port of Deendayal Port Authority to serve upcoming Projects at Tekra.", will be as under:

- a) The Consultant shall have to ensure that their qualified and experienced representatives are stationed at the **Gandhidham**, if required by the authority, to perform the above mentioned scope of work, in a speedy and accurate manner to suffice the requirement of the authority for which consultancy services are being rendered by the Consultant. **Total Time period of consultancy will be 2.5 Year from the date of issue of Work order. However, this period may be extended based on correspondences with Railway authorities and DPA, delay in approval of DPR by Railway & delay on construction periods. No any extra charges will be provided on account of consultant required being stationed at DPA office. (No additional amount over and above contract amount, shall be payable to the consultant in case time period need to be extended beyond 2.5 Year to complete the said assignment).**

The Consultant shall strictly follow the time schedule as mentioned above and as directed by the Authority to its full satisfaction.

6. Remuneration:-

- 6.1 The Bidder shall quote a lump sum amount for the above said scope of work payable by DPA including all taxes, duties for Providing Consultancy/Advisory Services, in accordance with clause -4 (Scope of work) of the Tender for the subject work. The amount quoted shall be excluding of GST which shall be paid extra.
- 6.2 The lump-sum charges quoted by the Consultant / Advisor shall be inclusive of all the expenses towards payment of fees to professionals / experts engaged to carry out aforesaid activities, for making them stationed at the **DPA** office, vetting of structural Design by M/s IIT and preparation of relevant compliances.
- 6.3 The schedule for payment of lump sum charges quoted by the Consultant / Advisor shall be as under :-

Sr. No.	Description	Percentage of lump-sum amount quoted for the respective stages of the scope of Work.		Time periods
(i)	On Completion of Survey and approval of Detailed Project Report & ESP with relevant drawings and estimate by DPA.	15%		For (i), (ii), (iii) & (iv) - Up to 6 Month Or Approval of DPR from Railway. Whichever is earlier.
(ii)	On submission of DPR & ESP to Railway Authorities after getting approval from DPA.	05%		
(iii)	On approval of Railway Authorities.	20%		
(iv)	Preparation of Final Draft Tender Papers (DTPs) as per approved DPR & ESP and approval by DPA.	10%		
(v)	Deployment of One site supervisor for day to day activities as mentioned in scope of work for 2 year.	7.5 % after completion of service for each 6 Month.		For V – This task will be started From 7 Month up to 2.5 Year Or Next month of Approval of DPR from Railway Whichever is earlier.
		7 th Month to 12 Month	7.5 %	
		13 th Month to 18th Month	7.5 %	
		19 th Month to 24th Month	7.5 %	
		25 th Month to 30 Month	7.5 %	
(vi)	On completion of site Work and obtain commencement certificate from Railway.	20%		

- 6.4. Releasing the payment: - Payment of above said charges will be made by Deendayal Port Authority on submission of the bill by the Consultant. The payment shall be made through NEFT/RTGS.
- 6.4 Taxes and Duties: - The offer of the Consultant shall be inclusive of all taxes and any duties payable by them (Except GST). Income tax and surcharge as applicable shall be deducted at source by Deendayal Port Authority in accordance with Income Tax Act and in accordance with instruction issued by Tax Authorities on this behalf from time to time, however, for this TDS Certificate will be given.
- 6.5 DPA will pay other charges like i.e. Codal charges, processing Fees etc required to pay to Railway as per guidelines of Railway.