

DEENDAYAL PORT AUTHORITY CIVIL ENGINEERING DEPARTMENT



TENDER DOCUMENTS FOR

Name of Work: CSR Works at Hari Aasro Trust-Adipur, Kasturba Gandhi Balika Vidhyalay-Shinay

Executive Engineer (C) Construction Division,
Annexe, A.O. Building, Room No. 114, Ground Floor,
DEENDAYAL PORT AUTHORITY,
Gandhidham (Kutch) – 370201.
Kutch District.Gujarat State.

Email: - executiveengineercivil1@gmail.com

M. No. 7575895292

INDEX

- DC 1 : Bid Reference
- NIT : Invitation for Bids
- SECTION 1 : Instruction to Bidders
- SECTION 2 : Forms of Bid, Qualification Information
- SECTION 3 : Specifications and Special Conditions
- SECTION 4 : Form of Securities
- SECTION 5 : Bill of Quantities

DEENDAYAL PORT AUTHORITY

COMPETITIVE BIDDING NIT NO: - 02 - C/2025

NAME OF WORK: -: CSR Works at Hari Aasro Trust-Adipur, Kasturba Gandhi Balika Vidhyalay-Shinay

PERIOD OF DOWNLOADING OF BID DOCUMENTS

FROM : 18/06/2025
TO : 18/07/2025 up to 16:00 hrs.

TIME AND DATE OF OPENING OF BIDS: DATE 18/07/2025 TIME 16:30 hours

PLACE OF OPENING OF BIDS: CHAMBER OF EXECUTIVE ENGINEER (C),
CONSTRUCTION DIVISION, ANNEXE, A.O.
BUILDING, GANDHIDHAM – KUTCH (GUJARAT
STATE).

OFFICER INVITING BIDS: EXECUTIVE ENGINEER (C),
DEENDAYAL PORT AUTHORITY

ONLINE TENDERING (E- Tendering)

Details about tender:

Department Name Civil Engineering Department
Circle/ Division Construction Division, A.O. Building, Gandhidham (Kutch)-370201.
Tender Notice No. 02 - C/2025
Name of Work : - **CSR Works at Hari Aasro Trust-Adipur, Kasturba Gandhi Balika Vidhyalay-Shinay**

Estimated Contract Value (INR) **Rs. 71,53,759/-**

Period of Completion (in Months) 11 (Eleven) Months Bidding Type Open

Bid Call (Nos.) One

Tender Currency Type Single

Tender Currency Settings Indian Rupee (INR)

Qualifying Criteria:

1. Average annual financial turnover during the last three years ending 31st March of the previous financial years, should be at least **Rs. 21.46** Lakhs. (Excluding GST)
Financial turnover document to be CA certified with CA's stamp, signature and UDIN no. along with profit & loss statement for verification of turnover failing which the bid will be treated as non-responsive.
2. 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:
 - i. Three similar completed works each work costing not less than **Rs. 28.62** Lakhs. (Excluding GST)
OR
 - ii. Two similar completed works each work costing not less than **Rs. 35.77** Lakhs. (Excluding GST)
OR
 - iii. One similar completed work costing not less than **Rs. 57.23** Lakhs. (Excluding GST)
3. "Similar Works" means, experience of **Building work**. The bidders who are registered with DEENDAYAL PORT AUTHORITY in **Class A-2 (up to 200 lakhs)** and above under Building category are directly eligible. However, the tenderer shall submit Copy of Valid Registration Letter with EMD. If the bidder has executed the work in private organizations, necessary TDS certificate issued by the competent authority shall be submitted. However, they may submit Scanned copy of valid registration letter issued by DPA on submission E- tender and copy of tender document with Tender fees /EMD / /MSE's Certificate.

If the similar work is executed as sub-contractor, the contract experience shall be considered for pre-qualification only, if same is carried out in Govt. / Semi Govt. / Autonomous Body working under GoI / Public Sector Undertakings subject to submission of sub-contract permission issued by the respective authority prior to execution of the work. Further, if subcontract is not authenticated, the bid should be treated as Non-responsive. The decision taken by DPA shall be final.

It is mandatory to upload the sub-contract permission letter obtained from the respective authority. Also, the completion Certificate / Form 3A authenticated by concern respective authority shall be uploaded along-with TDS certificate deducted from that particular work issued by the competent authority shall be submitted along-with bid submission.

Joint Venture	Not Allowed
Rebate	Applicable
Bid Document Fee :	Rs. 1000.00 + 18% GST = Rs. 1180.00
Bid Document Fee Payable To:	Digital mode of Payment at Bank of Baroda Gandhidham Branch, Account No. 10080100022427 IFSC code. BARBOGANKUT Name of Account Holder: Deendayal Port Authority
Bid Security/ EMD (INR) :	Rs. 71,538/-
Bid Security/ EMD (INR) In Favor Of :	Digital mode of Payment at Bank of Baroda Gandhidham Branch, Account No. 10080100022427 IFSC code. BARBOGANKUT Name of Account Holder: Deendayal Port Authority
Bid Document Downloading Start	18/06/2025 Date
Bid Document Downloading End Date	18/07/2025 up to 16:00 Hrs.
Last Date & Time for Receipt of Bids	Date : 18/07/2025 @ 16:00 Hrs.
Bid Validity Period	120 Days
Condition ::	Tender Fees in Digital mode of Payment at Bank of Baroda Gandhidham Branch, Account No. 10080100022427 IFSC code. BARBOGANKUT Name of Account Holder: Deendayal Port Authority

The bid/tender shall also be accompanied by Tender Fees and EMD in **Digital mode of Payment at Bank of Baroda Gandhidham Branch, Account No. 10080100022427
IFSC code. BARBOGANKUT
Name of Account Holder: Deendayal Port Authority**

The bid/tender shall also be accompanied by Integrity Pact Agreement duly signed by bidder and witness (which is also required be got signed by bidder.)

Tender Fees & EMD in form of Digital mode of payment.

The bid/tender not accompanied by Tender Fee UTR Number and EMD UTR Number, **(Bid security declaration form** Those who submitting MSME certificate for

exemption from payment of Tender Fee/EMD.) Those who submitting MSME certificate for exemption from payment of Tender Fee/EMD. in Preliminary Bid shall not be considered responsive, and their technical and price bid will not be opened.

The bid/tender not accompanied by Tender Fee, EMD and Integrity Pact Agreement in Preliminary Bid shall not be considered responsive and their technical and price bid will not be opened.

In case of Micro and Small Enterprise (MSEs) holding valid certificate issues by any agencies/organization under The Ministry of Micro, Small & Medium Enterprises indicating the list of activity related to the subject tender as per National Industrial Classification-2008 mentioned in the table below only shall become eligible for exemption from payment of Tender Fee/EMD. Such bidder shall upload in preliminary bid a scanned copy of valid certificate, as well as duly filled in and signed ‘Bid Securing Declaration’ as per format provided in the Tender documents, failing which the bid shall be disqualified. List of activity related to the subject tender as per National Industrial Classification-2008 for exemption of tender fee and EMD are listed below:

NIC codes regarding related activity are mentioned below:

LEVEL	DESCRIPTION
Section- F	Construction
Division- 41	Construction of Building
Group- 410	Construction of Building
Class 4100 & Subclass 41001	Construction of buildings carried out on own-account basis or on a fee or contract Basis
Sub-Class 41003	Assembly and erection of prefabricated construction on the site.
Division 43	Specialized construction activities
Group 433	Building completion and finishing
Class 4330	Building completion and finishing

Remarks ::

The above shall be shall be submitted in electronic format through on line (by scanning) while uploading the bid. This submission shall mean that EMD, Tender Fee & Integrity Pact Agreement are received. Accordingly offer of only those shall be opened whose EMD, Tender Fee, and Integrity Pact Agreement, are received electronically. However, for the purpose of realization, bidder shall send the same in original along with hard copy of tender (sealed & signed of authorized person), and other PQ documents through R.P.A.D./speed post or in person so as to reach to Executive Engineer (C.), Construction Division, A.O.

BUILDING-ANNEX, GANDHIDHAM, KACHCHH-370201, within 7 days from the last date of opening.

Bid Opening Date ::

Technical Bid will be opened on _____/_____/2025
@ 16:30 hrs.

Date of opening of price bid shall be notified after scrutiny and evaluation of Technical Bid.

Documents required to be submitted

by scanning throughonline ::

Documents in support of fulfilling qualifying criteriaas indicated above or Registration Certificate, as the case may be.

a. Tender Fees & EMD in form of Digital mode of payment.

The bid/tender not accompanied by Tender Fee UTR Number and EMD UTR Number in Preliminary Bid shall not be considered responsive, and their technical and price bid will not be opened. “Those who submitting MSME certificate for exemption from payment of Tender Fee/EMD. Such bidder shall upload the scanned copyof **Bid security declaration form** in preliminary bid stage” failing so will be treated as a non-responsive bid. Bidders who are depositing the tender fee and EMD are not required to submit the Bid securitydeclaration form.

c. Integrity Pact Agreement

a) The potential bidders shall download and print the IP Agreement signed by the Employer and their witness and affix his/her signature on the IP Agreement in the presence of a witness from his/her side, who shall also affix his/her signature thereof. Having completed the signing procedure, the Potential Bidder shall upload the dully filled and signed IP Agreement on n-procure portal.

b) The procedure mentioned above regarding signing of Integrity Pact Agreement by both the parties (Employer and Potential bidders) shall be completed online. However, in case of any technical glitch due to which if any potential bidder is unable to upload the IP Agreement, then he / she shall submit the Hard Copy of the duly filled, signed IP Agreement to the Department concerned of DPA within a period of seven days and prior to opening of the Technical Bid, failing which Bid of potential Bidder shall be treated as disqualified.

c) In case of JV firm, IP agreement is to be filled and submitted in the name of the JV firm only otherwise the bid will not be considered for further evaluation. **(JV not applicable)**

d. As indicated in Clause 4 of Instructions for tendering.

Officer- Inviting Bids :

EXECUTIVE ENGINEER (C), Construction Division,
Annexe, A.O. Building, Gandhidham (Kutch)-370201.

Bid Opening Authority :
Address :

EXECUTIVE ENGINEER (C)
Construction Division, Annexe, A.O. Building, Gandhidham
(Kutch)-370201.

Contact Details ::

(+91) 7575895292

**EXECUTIVE ENGINEER (C)
DEENDAYAL PORT
AUTHORITY**

Note:

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

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(n) code Solutions – A division of GNFC Ltd., (n)Procure Cell,
403, GNFC Info tower, S.G. Road, Bodakdev, Ahmedabad – 380054 (Gujarat).

Contact Details:

Airtel: +91-79-40007501, 40007512, 40007516, 40007517, 40007525
BSNL: +91-79-2684511, 26854512, 26854513 (EXT: 501, 512, 516, 517, 525)
Reliance: +91-79-30181689
Fax: +91-79-26857321, 40007533
E-mail : nprocure@gnvfc.net
TOLL FREE NUMBER: 1-800-233-1010 (EXT: 501, 512, 516, 517, 525)

SECTION -1

INSTRUCTIONS TO BIDDERSGENERAL

1. Scope of Bid

The EXECUTIVE ENGINEER (C), DEENDAYAL PORT AUTHORITY, invites bids by E-Tendering for work of “Detailed in the table given in NIT. The bidders may submit on- line bids for the work detailed in the table given in NIT. **CSR Works at Hari Aasro Trust-Adipur, Kasturba Gandhi Balika Vidhyalay-Shinay**

- 1.1 The successful bidder will be expected to complete the work by the intended completion date specified in the contract condition.

2. Source of Funds

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

3. Eligible Bidders

- 3.1 The invitation for Bids is open to all eligible bidders meeting the eligibility criteriaas defined in Clause No .4
- 3.2 All bidders shall provide in Section-2, form of Bid and Qualification Information.
- 3.3 Government-owned enterprises may only participate, if they are legally and financially autonomous, operate under commercial law and are not a dependency of the Employer subject to fulfilment 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

- a. Experience of similar works executed during the last seven years, and details like monetary value, clients, and proof of satisfactory completion.
- b. Documentary evidence of adequate financial standing and proof from client for satisfactory completion of works.
- c. Information regarding projects in hand, current litigation, orders regarding, exclusion, expulsion or blacklisting, if any.

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

- a. Copies of original documents defining the constitution or legal status, place of registration, and principal place of business, written power of attorney of the signatory of the Bid to commit the Bidder.
- b. Total monetary value of construction work performed for each of the last five years.
- c. Experience in works of a similar nature and size for each of the last 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 five years.
- e. Evidence of adequacy of working capital for this contract (access to line (s) of credit and availability of other financial resources).

- f. Authority to seek references from the Bidder's bankers.
- g. Information regarding any litigation, current or during the last five years, in which the Bidder is involved, the parties concerned, and disputed amount.
- h. PAN, GST Registration Number, Provident Fund Authorities.
- i. EMD in approved form as prescribed under Clause No.14.
- 4.3 To qualify for award of the contract, bidders are advised to note the minimum qualification criteria specified below: -
- a) Average annual financial turnover during the last three years ending 31st March of the previous financial years, should be at least **Rs. 21.46 lakhs.** (Excluding GST)
- 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:
- i. Three similar completed works each work costing not less than **Rs. 28.62 Lakhs.** (Excluding GST)
- OR
- ii. Two similar completed works each work costing not less than **Rs. 35.77 Lakhs.** (Excluding GST)
- OR
- iii. One similar completed works costing not less than **Rs. 57.23 Lakhs.** (Excluding GST)
- c) "Similar Works" means, **Building work.** If the bidder has executed the work in private organizations, necessary TDS certificate issued by the competent authority shall be submitted. However, they may submit Scanned copy of valid registration letter issued by DPA on submission E-tender and copy of tender document with Tender fees / EMD / Integrity Pact / MSE's Certificate.

If the similar work is executed as sub-contractor, the contract experience shall be considered for pre-qualification only, if same is carried out in Govt. / Semi Govt. / Autonomous Body working under GoI / Public Sector Undertakings subject to submission of sub-contract permission issued by the respective authority prior to execution of the work. Further, if subcontract is not authenticated, the bid should be treated as Non-responsive. The decision taken by DPA shall be final.

It is mandatory to upload the sub-contract permission letter obtained from the respective authority. Also, the completion Certificate / Form 3A authenticated by concern respective authority shall be uploaded along-with TDS certificate deducted from that particular work issued by the competent authority shall be submitted along-with bid submission.

In case of Micro and Small Enterprise (MSEs) holding valid certificate issued by any agencies/organization under The Ministry of Micro, Small & Medium Enterprises indicating the list of activity related to the subject tender as per National Industrial Classification-2008 mentioned in the table below only shall become eligible for exemption from payment of Tender Fee/EMD. Such bidder shall upload in preliminary bid a scanned copy of valid certificate, as well as duly filled in and signed 'Bid Securing Declaration' as per format provided in the Tender documents, failing which the bid shall be disqualified. List of activity related to the subject tender as per National Industrial Classification-2008 for exemption of tender fee and EMD are listed below:

NIC codes regarding related activity are mentioned below:

LEVEL	DESCRIPTION
Section- F	Construction
Division- 41	Construction of Building
Group- 410	Construction of Building
Class 4100 & Subclass	Construction of buildings

41001	carried out on own-account basis or on a fee or contract basis
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4.4 Deleted

4.5 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, not properly completing the contract, inordinate delays in completion, litigation history or financial failures etc.,

5. One Bid per Bidder

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

6. Cost of Bidding

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

7. Site Visit

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

B. BIDDING DOCUMENTS

8. Content of Bidding Documents

8.1 The set of bidding documents comprises the documents listed as below:

Invitation of Bids (NIT)

DC 1	Bid reference
NIT	Invitation to Bidders SECTION 1 Instruction to Bidders
SECTION 2	Forms of Bid, Qualification InformationSECTION 3 Specifications and Special Conditions SECTION 4 Form of Security
SECTION 5	Bills of Quantities

8.2. The bidding documents shall be downloaded. The documents should be completely filled and submitted through on line Tendering process.

8.3 The bidder is expected to examine carefully all instructions, conditions of contract, contract data, forms, terms, technical specifications, bill of quantities, forms, drawings, annexure in the bid document. Failure to comply with the requirements of the bid document shall be at the bidder's own risk. Pursuant to Clause 26 hereof, bids which are not substantially responsive to the requirements of the bid documents shall be rejected.

9 Language of Bid

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

10 Documents comprising the Bid

The bid submitted by the bidder shall comprise the following:

A) Technical Bid:

- (i) Bid Security
- (ii) Qualification information form and document (pursuant to Clause 4 hereof) and any of the material required to be furnished and submitted by the bidder in accordance with these instructions.

B) Financial Bid:

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

11 Bid Prices

11.1 The contract shall be for the whole works as described in Sub-Clause 1.1 based on the priced Bill of Quantities submitted by the Bidder.

11.2 All duties, taxes (excluding GST), and other levies payable by the contractor under the contract, or for any other cause shall be included in the rates, prices total Bid Price submitted by the bidder.

11.3 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.**

12 Currencies of Bid and Payment

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

13 Bid Validity

13.1 Bids shall remain valid for a period **not less than 120 days** after the deadline date for bid submission specified in Clause 18. A bid valid for a shorter period shall be rejected by the Employer as non-responsive.

13.2 In exceptional circumstances, prior to expiry of the original time limit, the Employer may request that the bidders may extend the period of validity for a specified additional period. The request and the bidders' responses shall be made in writing or by cable. A bidder may refuse the request without forfeiting his bid security. A bidder agreeing to the request will not be permitted to modify his bid.

14. Bid Security (Earnest Money Deposit-EMD)

A. Earnest Money Deposit (EMD) shall be **Rs. 71,538/-** to be submitted in form of digital mode of payment drawn in favor of Deendayal Port Authority payable at Gandhidham. EMD in any other form shall not be accepted. Exception from EMD for Micro and Small Enterprise (MSEs) shall be applicable as per condition in NIT.

B. EMD beyond Rs. 5 lakhs be payable in form of Insurance Surety Bond / Bank Guarantee for the entire amount from any Nationalized/Scheduled Bank (except Co-operative Banks) having its branch at Gandhidham. Bank Guarantee submitted as Earnest Money shall be valid for 28 days beyond the validity of the bid/tender. Bank Guarantee shall be verified independently by the Port with the bank before finalization of technical offer. In the event of lack of confirmation of issue of the Bank Guarantee by the

Bank, the bid shall stand disqualified.

- C. EMD of unsuccessful bidders other than L1 and L2 shall be refunded immediately after ranking of price bids. Earnest Money of L2 will be refunded immediately after entering in to agreement with L1 and acceptance of Performance Guarantee from L1.
 - D. EMD shall be refunded Suo-motto without any application from the bidders.
 - E. The Bid Security of the successful bidder will be discharged after he has signed the Agreement and furnished the required Performance Security 5 %.
 - F. The Bid Security may be forfeited, if
 - (a) The bidder withdraws the Bid after Bid opening during the period of Bid Validity;
 - (b) The Bidder does not accept the correction of the Bid Price,
 - (c) The successful Bidder fails within the specified time limit to
 - (i) Sign the Agreement or
 - (ii) Furnish the required Performance Security.
15. Alternative Proposals by Bidders

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

16. Format and Signing of Bid

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.

The Bid shall contain no alternations/additions, except those to comply with instructions issued by the Employer.

D. SUBMISSION OF BIDS

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

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

The envelopes shall

- (a) be addressed to:

The Executive Engineer (C), DEENDAYAL PORT AUTHORITY,
Administrative Office Building, Construction Division,
Room no.114, Ground floor, Gandhidham-Kutch-370201. Gujarat-State.

- (b) bear the following identification:

Accompaniments for. CSR Works at Hari Aasro Trust-Adipur, Kasturba Gandhi Balika Vidhyalay-Shinay

Bid reference No. 02 - C / 2025 Name and address of the bidder.

18. Deadline of Submission of the Bids

Bids must be received by the Employer in On-Line System at website <https://tender.nprocure.com> not later than 16:00 hrs. on 18/07/2025 in the event of the

specified date for the submission of bids being declared a holiday by the Employer, the Bids will be received up to the appointed time on the next working day.

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

At the time of submission of the tender document, the tenderer shall give an undertaking that no changes have been made in document. The uploaded version of the Port Tender Document will be treated as authentic tender and if any discrepancy is noticed at any stage between the Port's tender document and the one submitted by the tenderer, the conditions mentioned in the Port's uploaded document shall prevail. Besides, the tenderer shall be liable for legal action for the lapses.

19. Late Bids

After the deadline prescribed in Clause 18 the bids cannot be submitted in the On-Line System.

20. Modification and Withdrawal of Bids

Bidders may modify or withdraw their bids before the deadline on the website as prescribed in Clause 18. No Bid can be modified after the deadline for submission of Bids.

Withdrawal or modification of a Bid between the deadline for submission of bids and the expiration of the original period of bid validity in Clause 13.1 above or as extended pursuant to Clause 13.2 may result in the forfeiture of the Bid security pursuant to Clause 14.

E. BID OPENING AND EVALUATION

21. Bid Opening

On the due date and appointed time, the Employer will first open technical bids of all bids received including modifications made pursuant to Clause 20. 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.

If any Bid contains any deviation from the Bids documents and / or if the same does not contain Bid security & Tender Fee in the manner prescribed in the Bid documents, then that Bid will be rejected and the Bidder will be informed accordingly. All valid Financial Bids, whose technical bids have been determined to be substantially responsive in accordance with Clause 23 hereof, shall be opened on the specified date from declaring the results of the Technical Bid.

22. Clarification of Bids

- a. To assist in the examination and comparison of Bids, the Employer may, at his discretion, ask any Bidder for clarification of his Bid, including breakdown of unit rates. The request for clarification and the response shall be in writing or by cable, but no change in the price or substance of the Bid shall be sought, offered, or permitted.
- b. Subject to Sub-Clause 22 (a), no Bidder shall contact the Employer on any matter relating to his bid from the time of the bid opening to the time the contract is awarded. If the Bidder wishes to bring additional information to the notice of the Employer, he should send the same through the on-line system only.
- c. 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.

23. Examination of Bids and Determination of Responsiveness

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 in Clause 4, (c) is accompanied by the required Bid security, and; (d) is responsive to the requirements of the Bidding documents.

A substantially responsive Technical and Financial Bid is one which conforms to all the terms, conditions and specification of the Bidding documents, without material deviation or reservation. A material deviation or reservation is one: (a) which effects in any substantial way the scope, quality or performance of the works; (b) which limits in any substantial way, the Employer's rights or the Bidder's obligations under the contract; or (c) whose rectification would affect unfairly the competitive position of other Bidders presenting responsive Bids.

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.

24. Evaluation and Comparison of Bids

The Employer will evaluate and compare only the Bids determined to be responsive in accordance with Clause 23.

In evaluating the Bids, the Employer will determine for each Bid the evaluated Bid price by adjusting discounts or other price modification offered in accordance with Sub Clause 20.

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

F. AWARD OF CONTRACT

25. Award Criteria

The Employer will award the contract to the bidder whose Bid has been determined to be responsive to the bidding documents and who has offered the lowest evaluated Bid Price, provided that such Bidder has been determined to be (a) eligible in accordance with the provisions of Clause 3 and (b) qualified in accordance with the provisions of Clause 4. The second bidder (i.e. L2) shall be kept in reserve and may be invited to match the bid submitted by the (L 1) bidder in case such bidder withdraws or is not selected for any reason.

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

Notwithstanding Clause 25, the Employer reserves the right to accept or reject any bid and to cancel the bidding process and reject all bids, at any time prior to the award of contract, without thereby incurring liability to the affected bidder or bidders on the grounds for Employer's action.

27. Notification of Award and Signing of Agreement.

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

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 Clause 28.

The Agreement will incorporate all correspondence between the Employer and the successful bidder. It will be signed by the employer and sent to the successful Bidder within 14 days following the notification of award along with the Pre-acceptance Letter. Within 21 days of receipt of L.O.A., the successful Bidder will furnish the Performance Security and sign the Agreement with the Employer.

Upon the furnishing by the successful Bidder of the Performance Security, the Employer will promptly notify the other Bidder that his bid has been unsuccessful and release the Bid security (EMD).

28. Performance Security

Security Deposit shall consist of two parts; a) Performance Guarantee to be submitted at award of work, and b) Retention money to be recovered from Running Bills. Security Deposit shall be 10% of Contract price of which 5% of contract price should be submitted as FDR or Bank Guarantee of Nationalized/scheduled bank (except Co-operative) Banks having its branch at Gandhidham, or Digital transfer or **Insurance Surety Bond** within 21 days of receipt of letter of acceptance and balance 5% recovered as Retention Money from Running Bills. Recovery of 5% of Retention Money to commence from the first bill onwards @ 5% of bill value from each bill. Retention Money be refunded within 14 days from the date of payment of final bill. Balance SD to be refunded immediately not later than 14 days from completion of defect liability period.

Failure of the Successful Bidder to comply with the requirements as mentioned above shall constitute sufficient grounds for cancellation of the award of work and forfeiture of bid security.

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

Before claiming final bill, contractor shall produce "No dues certificate" from the Geologist, Geology and mining department, Anjar.

29. Corrupt or Fraudulent Practices

- a. The Employer requires that Bidders/Suppliers/Contractors under this contract, observe the highest standard of ethics during the procurement and execution of this contract. In pursuance of this policy, the Employer:
 - (a) Defines, for the purpose of these provisions, the terms set forth below as follows:
 - (i) "Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and
 - (ii) "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Employer, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Employer of the benefits of free and open competition.
 - (b) Will reject a proposal for award of work, if he determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.
 - (c) Will declare a Bidder ineligible, either indefinitely for a stated period of time, to be awarded a contract/contracts, if he at any time determines that the Bidder has engaged in corrupt or fraudulent

practices in competing for or in executing, the contract.

- (d) 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/SD/BG of the bidder, apart from blacklisting the firm for the next 3 years.

30. Royalty of metals

- (a) All royalties of Metals, quarry fees etc. payable by the contractor directly to the authorities concerned and rates tendered shall be deemed to be inclusive of all charges. Before calling final bill the contractor shall produce "NO dues certificate" from Geologist, Anjar.

SECTION 2

FORMS OF BID, QUALIFICATION INFORMATION TABLE OF FORMS

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

SPECIMEN FOR FORM OF BID
(To be executed on bidder's letter head)

Date of Tender Submission.....Tender No.

Name of work: - **CSR Works at Hari Aasro Trust-Adipur, Kasturba Gandhi Balika Vidhyalay-Shinay**

The EXECUTIVE ENGINEER (C)
Deendayal Port Authority Annexe, A.O. Building, Room No. 114, Ground floor,
Gandhidham – Kutch - Pin 370-201.Dist- Kutch (Gujarat)

We, the undersigned, declare that:

- (a) we have examined and have no reservations to the tender documents, including agenda and clarifications.
- (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.____.
- (c) our tender shall be valid for the period of **120 days**, from the date fixed for the tender submission deadline in accordance with [ITB Clause 18], and it shall remain binding upon us and may be accepted at any time before the expiration of that period or any extended period in accordance with [ITB Clause 18]; We also undertake that no changes have been made in Tender Documents (ITB Clause 18); we also undertake that no changes have been made in tender documents (ITB 18).
- (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.
- (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 in accordance with [ITB Sub-Clause no.3.4]
- (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 in accordance with [ITB Sub-Clause 27] and as per specimen form for the purpose;
- I. We understand that you are not bound to accept the lowest evaluated tender or any other tender 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)

PRE-QUALIFICATION OF BIDDERS

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

1. Only for individual bidders:

1.1 Constitution or legal status of bidder (attach copy)

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

2. Turnover of the firm

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

Attachments: Financial reports for the last three years; balance sheets, profit and loss statement, auditor's reports (in case of companies/ corporation) etc., list them below and attach copies with CA certification and UDIN

3. Similar works

Particulars	Year	No. of works	Value
Total value of completed similar work as defined in the tender document during last 7 years.	2017-18		
	2018-19		
	2019-20		
	2020-21		
	2021-22		
	2022-23		
	2023-24		
	2024-25		

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

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

Other party(ies)	Port/Dept.	Cause of dispute	amount	Remarks involved showing present status

5. Additional information bidder may like to submit

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

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

LETTER OF ACCEPTANCE

(On letter paper of the port)

_____ (date)

To: _____

(Name and address of the contractor) Dear Sir,

Sub: CSR Works at Hari Aasro Trust-Adipur, Kasturba Gandhi Balika Vidhyalay-Shinay

Tender no: _____

Ref: Your bid dated
And [list the correspondence with the bidder]

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

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

Yours faithfully,

EXECUTIVE ENGINEER (C)
Deendayal Port Authority

ISSUE OF NOTICE TO PROCEED WITH THE WORKS

_____dated

To
(Name and address of the contractors)Dear Sirs,

Sub: - **CSR Works at Hari Aasro Trust-Adipur, Kasturba Gandhi Balika Vidhyalay-Shinay**
.

Tender no:_____

Ref: Letter of acceptance no. dated

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

Yours faithfully,

**EXECUTIVE ENGINEER (C)
DEENDAYAL PORT AUTHORITY**

SPECIMEN CONTRACT AGREEMENT

(To be executed on Rs.300/- non-judicial stamp paper)

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

THIS CONTRACT AGREEMENT is made

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

Between

The Board of Deendayal Port of Authority, an autonomous body of the Ministry of Port, Shipping & Waterways of the Government of India, incorporated under the Major Port Authorities Act, 2021 as amended thereafter, under the laws of India and having its principal place of business at A O building, PO Box No.-50, Gandhidham Gujrat state (hereinafter called the 'Port'

And [insert name of the contractor], [incorporated under] the laws of [country of contractor] and having its place of business at [insert: address of contractor] (hereafter called "the contractor")

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

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

1. 5% Performance Guarantee of tender cost for the above cited work in form of Insurance Surety Bond / NEFT/RTGS having UTR No. _____ Dated _____ Amounting to Rs. _____.

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this agreement words and expressions shall have the same meanings as per respectively assigned to them in the conditions of contract refer to.
2. The following documents shall constitute the contract between the employer/ board and the contractor, and each shall be read and construed as an integral part of the contract:
 - (a) This contract agreement;
 - (b) Special conditions of contract;
 - (c) General conditions of contract;
 - (d) Technical requirements (including schedule of requirements and technical specifications, drawings);
 - (e) Notice inviting tender;
 - (f) Replies issued to the pre-bid queries, addenda if any issued [numbers and date];
 - (g) The contractor's bid and original price and delivery schedules;
 - (h) The employer/ board's notification of award; (Letter Of acceptance vide letter no. _____.
 - (i) Correspondence the employer/board has exchanged with the bidder till and after award of contract [specific letters and dates]]

And [add here any other documents]

AND WHEREAS

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

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

3. In consideration of the payment to be made to CONTRACTOR for work to be executed by him. CONTRACTOR hereby covenants with EMPLOYER/ BOARD what CONTRACTOR shall and

will duly provide, execute and complete work and things in CONTRACT, mentioned or described or which are to be implied there from or may be reasonably necessary for completion of work and the times and in the manner and subject to the terms and conditions or stipulations mentioned in CONTRACT.

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

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

Witness (Name, Signature, Address)

1. _____ -

2. _____

Signed, sealed and delivered by
Chief Engineer on
Behalf of Board in Presence of:

Witness (Name, Signature, Address)

1. _____ -

2. _____

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

SECTION 3

CONDITIONS OF CONTRACT AND SPECIAL CONDITIONS

SPECIAL CONDITIONS AND SPECIFICATIONS

1. The provision in special condition and specification which form a part of contract have precedence over those specified in General Condition and content in case of diversity if any.
2. Broad Scope of Work : as per Drawings, BOQ & direction of engineer in-charge Direction, not limited as mention below.

(I) Location : Hari Aasro Trust – Adipur

- Repair & refurbishing of compound wall.
- Paver & Tiles work.
- Structural Shed & Watchman Quarter work.
- Etc.

(II) Location : Kasturba Gandhi Balika Vidhyalay – Shinay

- Repair + height increase of compound wall + refurbishing work.
- Toilet block repair work
- Paver Work
- Structural Shed & Watchman Room work
- Etc.

3. Performance Securities

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

Security Deposit shall be 10% of Contract price of which 5% of contract price should be submitted as Bank Guarantee/ FDR/ digital mode of payment/ **Insurance Surety Bond** within 21 days of receipt of Letter of Acceptance and balance 5% recovered as Retention Money from Running Bills. Recovery of 5% of Retention Money to commence from the first bill onwards @ 5% of bill value from each bill. Retention Money be refunded within 14 days from the date of payment of final bill. Balance SD to be refunded immediately not later than 14 days from completion of defect liability period.

Failure of the successful bidder to comply with the requirements as mentioned above shall constitute sufficient grounds for cancellation of the award.

The documentary evidence (copy of paid challan in government treasury) of the welfare cess @1% of the work done or as mandated by security authority from time to time, paid on final bill shall be submitted before releasing the performance guarantee if applicable.

Before claiming final bill, contractor shall produce “No dues certificate” from the Geologist, Geology and mining department, Anjar.

4. The work shall be done strictly in accordance with specifications laid down in Indian Standard Code of Practice for different building trades of latest edition, in addition to the specifications given in Schedule B, approved plans and instructions issued by Engineer-in-charge from time to time.
5. The tenderer shall examine carefully the conditions of contract, specifications and drawings before submitting the tender. He shall also visit and inspect the site of work and acquaint himself with all local conditions of work, availability of construction materials and labor, nature of soil and working conditions at and are used at site before submitting the tender. No dispute/claim whatsoever shall be entertained for work of any nature arising out of local condition.
6. The contractor shall maintain a site order book at the site of work and all orders, instructions issued to him from time to time by Engineer in charge or his sub-ordinates will be recorded in the site order book. The contractor shall promptly sign each entry in token of having received such orders and instructions and shall be complied with their requirements promptly. The site order book shall be the property of the department and shall be handed over to the Engineer-

in-charge in good condition on the completion of the work or whenever demanded by the Engineer-in-charge.

7. The value of non-judicial stamps to be affixed on agreement shall be of appropriate value prescribed for bond as per latest provision of law enforce on the date of execution, however, if the contractor furnishes GPF notes, approved guarantee in respect of or part of security deposit, the stamp duty chargeable for the amount shall be as prescribed for agreement payable in accordance with the latest provisions of law in force on the date of execution of the contract. All the cost of stamp duty shall be borne by the contractor.

8. **Arbitration Clause**

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

(ii) It will be no objection to any such appointment that the arbitrator is an employee of the Board or the Government, that he had to deal with the matter to which the contract relates and that in course of his duties as an employee of the Board or the Government, he had expressed views on all or any of the matters in dispute or of different.

The arbitrator, who has been dealing with the arbitration case, being transferred or vacating his office or in the event of his death or being unable to act for any reason, the Chairman then holding the office shall arbitrate himself or appoint any officer to act as arbitrator.

(iii) It is also a term of the contract that no person other than the Chairman himself or any officer appointed by him shall act as arbitrator.

(iv) It is a term of the contract that only such question and disputes as were raised during progress of work till its completion and not thereafter shall be referred to arbitration. However, this would not apply to the questions and disputes relating to liabilities of parties during the guarantee period after completion of the work.

(v) It is a term of the contract that the party invoking arbitration shall give a list of disputes with amounts of claim in respect of each said disputes along with the notice seeking appointment of arbitrator.

(vi) It is also a term of 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 the contract.

(ix) The arbitrator from time to time, with the consent of both the parties, enlarge the time for making and publishing the award.

(x) Arbitration shall be conducted in accordance with the provision of Indian Arbitration Act, 1996 or any statutory modifications or re-enactment thereof and rules made thereunder and for the time being in force shall apply to the arbitration proceedings 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 the contract that the arbitration shall be deemed to have been entered

on the reference on the date he issued the first notice to both the parties calling them to submit their statement of claims and counter statement of claims.

(xiii) Venue of the arbitration shall be such place as may be fixed by the arbitrator at his sole discretion”.

9. If the contractor suffers any delay the Engineer-in-Charge may grant at his discretion an extension of time for completion of work. However, no claims/disputes etc. arising out of extension of time so granted shall be entertained.
The contractor while filling up their rates in the tender should consider the above aspects.
10. The work shall be done strictly in accordance with specification laid down in latest IRC standard, latest IS codes in practice for different building trades, in addition to the specifications given in Bill of quantities of the tender, approved plan and the instructions issued by the Engineer-in-charge from time to time.
11. Tenders with any conditions or inscriptions in schedule “B” or other enclosures are liable to be summarily rejected.
12. Tenders without earnest money will not be considered.
13. The stamp paper of requisite value shall be furnished by the contractor within 10 days from the date of issue of letter of acceptance, failing which he will not be permitted to start the work.
14. For the purpose of measurement, the method prescribed in the Indian standard method of measurement of the building works shall be applicable unless stated otherwise in this contract. In the case of any ambiguity the decision of Engineer in charge shall be final and binding.
15. Income tax at applicable rate and surcharge as applicable on the payment to contractor will be deducted from the payment and only net amount shall be paid for as directed by the Central Board of Direct Taxes, Ministry of Finance, Government of India.
16. The rates quoted by the tenderer shall hold good for 120 days from the date of opening of preliminary bid stage.
17. The Contractor shall be required to execute the work in such a way as not cause any damage, hindrance or interference in the activity and the work going on in the area. He shall not deposit the materials at such places, which may cause inconvenience to the public.
18. All the works comprised in contract until handed over to the Engineer in charge shall stand at the risk of contractor who shall be responsible to make good at his own cost all losses and damages caused due to fire weather or any other reasons and causes etc. At the time of completion of work, all the works in good condition and order shall be handed over.
19. The notes and data furnished in DEENDAYAL PORT AUTHORITY schedule of rates enforce will be considered for measurement purpose in the case of various materials as regards to lead, weight of materials and allowances for voids covering capacity etc. for materials.
20. Deleted.
21. All the materials required for any work shall have to be got approved by Engineer-in-charge before putting them into use or stacking at the site of work.
22. The sand, aggregate & other minerals is to be brought from approved quarry.
23. Tenders containing conditions for lowering or raising the quoted rates shall summarily be rejected.
24. Deleted.
25. During the execution of work, the contractor shall employ only such persons who are careful, skilled and experienced in their service trades. The Engineer in charge shall be at liberty to object and ask the contractor to remove, from the work any person employed by the contractor in execution of work if in the opinion of Engineer in charge, misconduct or he is negligent, in the proper performance of his duties and such person shall not be again employed in the work without the permission of Engineer in charge. If required temporary site office with proper sitting & working arrangements need to be arranged by contractor on his own cost, without any extra payment.
26. All the precautions regarding the safety of the workmen shall have to be taken by the Contractor at his own cost and the instructions of Engineer-in-charge in this respect shall have to be followed strictly.
27. The Engineer-in-charge may delete any number of items included in this contract without assigning any reasons and no disputes/claims on this account shall be entertained.

28. Nothing extra shall be paid for the change of quarry for any quarried material, against lead etc.
29. Work shall be carried out in accordance with best standard of workmanship and to the entire satisfaction of Engineer-in-charge.
30. The contractor shall be in accordance with requirement of the Engineer-in-charge, afford all reasonable facilities to any other contractor employed by DEENDAYAL PORT AUTHORITY board and their workmen for work not included in the contract, which the Board may enter at any time. No dispute on any account shall be entertained.
31. The tender documents submitted by the contractor and correspondence exchanged between him and DEENDAYAL PORT AUTHORITY Authorities prior to acceptance of the tender and thereafter shall form part of agreement even though formal agreement duly signed is not executed.
32. EMD shall be in the form of digital mode of payment only. IF EMD submitted in any other form, it shall not be accepted.
33. The PVC pipe 110mm dia, working pressure 6kg/cm² as per I.S.I 4985 to be used. The pipes shall be Finolex, Ambica, GST, Tata, Astral or equivalent make as approved by Engineer in charge.
34. OPC 53 Grade cement shall be conforming to IS IS:12269
35. Steel shall be conforming to as per IS 432 and shall have to be got approved by Engineer-in-charge.
36. This pamphlet is prepared in accordance with IS: 6313 (Code of Practice for Anti Termite Measures in Buildings Part 3 Treatment in Existing Buildings)
37. All building material items shall be conforming as per relevant IS code.
38. The bricks shall be of NR or NK brand of Ahmedabad before supply at site as per IS code.
39. Stainless steel shall be conforming to relevant IS code.
40. Quality compaction to be achieved in backfilling upto satisfactory level.
41. All rules and regulations governing DEENDAYAL PORT AUTHORITY shall be applicable.
42. The contractor has to comply all the complaints (if any) regarding their work at the time.
43. If applicable the payment from Bill, shall be released, subject to the condition that the documentary evidence (copy of paid Challan in govt. Treasury) of the Welfare Cess @1% of work done or as amended by Statutory Authority from time to time, paid concerned authority is submitted for the previous bill."
44. All tools plants and sundries etc. as required are to be brought by the contractor for carrying out the work to the complete satisfaction of the Engineer-in-charge without any extra cost.
45. All the materials required for any work shall have to be got approved by Engineer-in-charge before putting them into use or stacking at the site of work.
46. The tender should submit firm offer without any price variation and no escalation will be considered.
47. The tenders are not expected to make any post-tender modifications. Hence the tenders should not make any correspondence regarding the tenders after submission of the same on due date and time. No cognizance of any correspondence shall be taken and if any tenderer persists with the same, necessary action will be initiated against them. All the tenders received on or before the due date & time shall be opened. If otherwise found in order.
48. The Engineer in charge reserves the right to make necessary changes in the Quantity and no claims what-so-ever on account of changes in diameter of bars will be entertained.
49. While evaluating tender regard would be given to the National Defense Security considerations.
50. All the royalties of materials, quarry fees, octroi wharf age charge are payable by the contractor directly to the authorities concerned and the rates quoted shall be deemed to be inclusive of all such charges.
51. In the event of any reduction in the quantities to be supply for any reason whatsoever, the contractor shall not be entitled for any compensation but shall be paid only for the actual quantity of work done, as per tender.
52. The bidders have to take latest minimum wages declared by the Central Government as the minimum bench mark for quoting the rates for manpower deployment. Bids lesser than minimum wages/statutory obligations will be summarily rejected.
53. The Income Tax, PAN and GST registration No may be furnished with documentary evidence along with the Tender Documents.

54. The bank Guarantee submitted in lieu of security deposit must be from any Nationalized/Scheduled Banks (except Co-operative banks) having its branch at Gandhidham. (Performa enclosed). The Bank guarantee is to be sent directly to DPA by issuing Bank through registration post (AD).
55. The Bidder shall give an undertaking that they have not made any payment or illegal gratification to any person authority connected with the bid process so as to influence the bid process and have not committed any offence under the P.C Act in connection with the bid.
56. The plastic paint shall be used of acrylic oil brand of approved make and shade i.e. of Asian, Nerolac, Berger, and Tractor or approved by Engineer-in-charge.
57. The Contractor must ensure minimal disruption to ongoing activities within the campus. Contractor shall ensure not to cause any damage to the Existing property in the vicinity of work site during execution of work. If any damage occurs due to workmen / machinery of the contractor, the contractor has to make good the loss / damage at his cost.
58. The Contractor must facilitate Transportation for client representative or appointed inspector for visit & inspection of the construction & Testing labs to ensure adherence to quality standards.
59. All materials required to be used in the work shall be got tested from Government / NABL Approved lab and the charges there of shall be borne by the contractor. The contractor shall extend all necessary assistance, service as may be required, without any extra cost, necessary test shall be carried-out if directed by Engineer-In-charge.
60. The Contractor must arrange for any temporary power and water required for the construction activities, including any associated costs on his own without any extra payment.
61. The contractor is responsible for restoring the site to its original condition upon completion of the project, including landscaping, cleaning, removal of debris and removal of temporary structures.
62. Store materials in a manner that prevents damage and deterioration. Implement measures to protect materials from weather and unauthorized access is the scope of Contractor.
63. Contractors are required to visit the site to assess the conditions and constraints before submitting their bids.
64. Mix Design to be carried out for required grade of concrete used in construction (i.e. M-25) & Concrete mixing, placement, and curing must follow IS 456:2000 guidelines (Date of casting to be mentioned).
65. All concrete structures shall have a minimum cover to reinforcement as specified in relevant standards (e.g., IS 456:2000). The minimum cover shall be 50 mm for footings and foundations, 40 mm for beams and columns, 20 mm for slabs, and 25 mm for walls. GI binding wire shall be used for binding & cover should be well cured for at least seven days before use- No stones or kapchi has to be used instead of cover blocks.
66. Reinforcement & Steel members must be stored off the ground and protected from corrosion and damage. Use wooden sleepers or rubber pads to prevent direct contact with soil.
67. Steel sections like beams, channels, and angles, conforming to IS 2062. Test the steel for tensile strength, elongation, and chemical composition as per relevant IS codes. Welding shall conform to IS 9595, All steel surfaces must be cleaned and free from rust before application of primer and paint.
68. Welding to be carried out by certified welders. Non-destructive testing (NDT) to be conducted for critical joints as directed by Engineer in-Charge.
69. Base Plate Holes should be drilled, not punched, and the edges should be smooth and free of burrs.
70. The structural steel framework must be erected using cranes, derricks, or suitable lifting devices. Adequate temporary bracing should be used during erection to ensure stability. Tolerances: - Erection tolerances must comply with IS 7215 and IS 800.
 - Key tolerances:
 - Plumbness tolerance: ± 3 mm per meter of height.
 - Level tolerance: ± 5 mm across the entire span.
71. The Contractor must submit a detailed work schedule before start of work, highlighting critical milestones such as foundation completion, steel fabrication, and roofing.
72. The Contractor must adhere to all safety regulations, ensuring the safety of workers and campus occupants. Proper safety gear, including helmets, gloves, and harnesses, must be provided to all workers. The Contractor must implement dust control measures.

73. All tools, plants, scaffolding ladder etc. and other machinery etc. required temporary for the purpose of execution of work will have to be arranged by the contractor at his own cost and storing of such tools, plants etc. will have to be made by him.
74. At the time of handing over, the Contractor shall provide MS Boards at each location of work. These boards must display the details of the project, which should be clearly painted using oil paint. The information on the boards should include, but not be limited to, the project name, and any other relevant details as specified by the Engineer in-charge. The boards must be durable and weather-resistant to ensure visibility and legibility.
75. Deleted:
76. The flooring works are to be finished with neeru (cement slurry) without any extra cost.
77. **Integrity Pact** : The bidder have to sign and seal and upload the scanned copy of Integrity Pact form (as per agreement form enclosed) along with the technical proposal as a token of acceptance. Original hard copy of the same along with the tender documents shall have to forwarded subsequently so as to reach the office of EXECUTIVE ENGINEER (C.) within 7 days of opening of the tenders failing which tender shall be considered irrelevant, However, the agreement is to be executed during the issuance of Pre- Acceptance letter.
78. The bidder has to execute Integrity Pact agreement with DEENDAYAL PORT AUTHORITY (As per Appendix) Shri Amiya Kumar Mohapatra, IFoS (Retd.), and Dr. Gopal Dhawan, Ex-CMD, MECL Has been nominated as Independent External Monitor for Integrity Pact. Whose address is as under

(1) Shri Amiya Kumar Mohapatra, IFoS (Retd.),
Qrs. No. 5/9, Unit-9, Bhoi Nagar, Bhubaneswar-751 022.
Mobile No. 9437002530

email: amiyaifs@gmail.com

(2) Dr. Gopal Dhawan, Ex-CMD, MECL,
House no. 120, Jal Shakti Vihar (NHPC Society) P4, Builders Area, Greater Noida Gautam
Budh Nagar, Utter Pradesh- 201 315.
Mobile No. 8007771467
email: gdhawangeologist@gmail.com

79. As Built Drawings : The Contractor shall prepare and submit comprehensive as-built drawings for all civil and electrical works under this contract before the final bill. These drawings shall be provided in both hard copy and digital formats compatible with AutoCAD (latest version) and PDF. They must include all modifications, deviations, and changes during construction, accurately reflecting the final state. Civil drawings shall cover structural elements, foundations, drainage, roadworks, and other civil components, while electrical drawings shall include wiring diagrams, circuit layouts, panel schedules, and locations of electrical equipment and fixtures. The Contractor shall submit the as-built drawings within 10 days of completing the works. Any discrepancies or corrections identified during the review must be addressed and resubmitted within 15 days of receiving feedback.

80. FORFEITURE OF SECURITY DEPOSIT

The Chairman may at his option, forthwith forfeit the Security Deposit in whole or in part if in the opinion of the Chairman, the Contractor has failed to fulfil any or all conditions of his contract, without prejudice to any and all right of the Board to recover Contractor's any amounts falling due to the Board through non-observance by the Contractor of any of the Clauses hereof.

81. SUBMISSION OF BID

Bidders who wish to participate will have to procure/ should have legally valid Digital Certificate, as per Information Technology Act-2000, using which they can sign their electronic bids. The bidders can procure the Digital Certificate from (n) code solutions a division of GNFC Ltd, who are licensed certifying authority by Government of India. All bids should be digitally signed. For details regarding Digital signature certificate and related matters, the below mentioned address should be contacted: (n)code Solutions, A Division of GNFC, 301 GNFC

Info tower, Bodakdev, Ahmedabad. Tel. 91 79 26857316/17/18 Fax: 91 79 26857321 E-mail: nprocure@gnvfc.net Mobile: 9327084190 / 9898589652.

The accompaniments to the tender documents as described under Clause 4.2 shall be Scanned and submitted On-Line along with Tender documents. However, the originals/ attested hard copies shall have to be forwarded subsequently so as to reach the office of EXECUTIVE ENGINEER (C) within 7 days of opening of the tenders.

The envelopes shall

(a) be addressed to:

The EXECUTIVE ENGINEER (C),
Construction Division Ground Floor,
A.O. Bldg. Building
DEENDAYAL PORT AUTHORITY
Gandhidham-370201,
Kutch District Gujarat-State, INDIA
And submitted on <https://tender.nprocure.com>

(b) bear the following identification:

Accompaniments for: **CSR Works at Hari Aasro Trust-Adipur, Kasturba Gandhi Balika Vidhyalay-Shinay**

Bid reference No -C/2024 Name and address of the Contractor.

82. DEADLINE OF SUBMISSION OF THE BIDS

- (a) Bids must be received by the Employer in On-Line System at website <https://tender.nprocure.com> not later than 16:00 hrs. on __/__/2024 in the event of the specified date for the submission of bids being declared a holiday by the Employer, the Bids will be received up to the appointed time on the next working day.
- (b) The Employer may extend the deadline for submission of bids by issuing an amendment, in which case all rights and obligations of the Employer and the Contractors previously subject to the original deadline will then be subject to the new deadline.
- (c) At the time of submission of the tender document, the tenderer shall give an undertaking that no changes have been made in document. The uploaded version of the Port Tender Document will be treated as authentic tender and if any discrepancy is noticed at any stage between the Port's tender document and the one submitted by the tenderer, the conditions mentioned in the Port's uploaded document shall prevail. Besides, the tenderer shall be liable for legal action for the lapses.

83. BILLS TO BE SUBMITTED MONTHLY

A Bill shall be submitted by the contractor each month on or before the date fixed by the Engineer-in-charge for all works executed in the previous month, and the Engineer-in-charge shall take or cause to be taken the requisite measurement for the purpose of having the same verified, and the claim, as far as admissible, adjusted as far as possible, before the expiry of ten days from the presentation of the bill. If the contractor does not submit the bill within the time fixed as aforesaid, the Engineer-in-charge may depute within seven days of the date fixed as aforesaid, a subordinate to measure up the said work in the presence of the contractor whose counter signature to the measurement list will be sufficient warrant, and the Engineer-in-charge may prepare a bill from such list.

- 84.** Contractor to be given a week to file objections to the measurements recorded by the Department.

Before taking measurement of any work as has referred to in Clause 6,7, and 8 hereof, the Engineer-in-charge or a subordinate deputed by him shall give reasonable notice to the contractor if the contractor fails to attend at the measurements after such notice of fails to countersign or to record the difference within a week from the date of measurement in the manner required by the Engineer-in-charge then in any such event the measurement taken by the Engineer-in-charge or by the subordinate deputed by him as the case may be shall final and binding on the contractor and the contractor shall have no right to dispute the same

85. BILLS TO BE ON PRINTED FORMS

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

86. PAYMENT OF CONTRACTOR'S BILL TO BANK

The DEENDAYAL PORT AUTHORITY has introduced electronic clearing system. The tenderer is required to furnish necessary details of Bank Account etc. as per Annexure enclosed.

87. Cement, reinforcement steel etc. shall of standard make / IS mark as per latest relevant IS and shall be got tested from government approved laboratory before put in to use.

88. For verification of purchase of cement and reinforcement steel all the bills of supplier / Dealer will have to be furnished to the Engineer-in-charge.

89. Every delivery of the cement and reinforcement bar shall be accompanied by manufacturer's test certificate confirming that the supplied confirms to relevant specification.

90. Prospective Bidder may raise query relating to bidding conditions, bidding process and / or rejection of bid etc. The reasons for rejecting a tender or non-issuing a tender to prospective bidder will be disclosed where written enquiries are made by the concerned bidder.

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

- a. Information and instructions for Contractors will form part of NIT and to be uploaded on website.
- b. The intending bidder must have class-III digital signature to submit the bid.
- c. The Bid Document as uploaded can be viewed and downloaded free of cost by anyone including intending bidder. But the bid can only be submitted after uploading the mandatory scanned documents such as **Tender Fee, and EMD UTI Number in Preliminary Bid shall not be considered responsive, and their technical and price bid will not be opened.**
- d. Bidders may modify or withdraw their bids before last date and time of submission of bid as notified.
- e. While submitting the modified bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
- f. On opening date, the contractor can login and see the bid opening process. After opening of bids, he will receive the competitor bid sheets.
- g. Contractor can upload documents in the form of JPG format and PDF format.
- h. It is mandatory to upload scanned copies of all the documents including GST registration as stipulated in the bid document. If such document is not uploaded his bid will become invalid and cost of bid document shall not be refunded.
- i. If the contractor is found ineligible after opening of bids, his bid shall become invalid and cost of bid document shall not be refunded.
- j. If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the contractor the bid shall become invalid and cost of bid document shall not be refunded.
- k. Certificate of Financial Turn Over: At the time of submission of bid contractor may upload Affidavit/ Certificate from CA mentioning Financial Turnover of last 3 (three) years or for the period as specified in the bid document and further details if required may be asked from the contractor after opening of technical bids. There is no need to upload entire voluminous balance sheet.
- l. The Draft information and instructions to Contractors may be modified suitably by NIT

approving authority as per requirement.

- m. All the mandatory document required/prescribed for pre-qualification have to be enclosed by the bidder failing which his offer shall be rejected and treated as non-responsive. However, additional documents required if any for verification of the original documents shall be submitted by the bidder if required by DPA.

92. Deviation in quantities

Normally deviation means deviation in quantities of agreement items, i.e., where there is increase or decrease in the quantities of items of work specified in the agreement.

Rates for such deviated items shall be calculated strictly as per the provision of agreement clauses.

93. Deriving the Market rates:

As per provisions of variation clauses sometimes rates are to be determined based on market rates in certain conditions. In such cases the contractor within 14 days of receipt of order for execution of deviated quantities, extra or substituted items beyond permissible limits and before the commencement of such work shall give notice, for revision of rates, supported by proper analysis, for such quantities. Engineer-in-Charge shall consider the analysis submitted by contractor and determine the rates on basis of market rates.

Further in case market rates are less than the agreement rates then in such a case Engineer-in-Charge should give notice to the contractor within one month of occurrence of the excess and should decide the rates based on market rates considering the reply of contractor.

The analysis of rates on market rates should be on similar lines as adopted in the justification of tender except that market rates of material/labor, hire charges of plant and machinery intended to be used prevailing at the time of such order or occurrence shall be adopted. Over and above the market rates so arrived 10% would be added for overheads and profit of the contractor.

94. Payment of Final Bill

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

95. Liquidated Damage (L.D.): -

95(A). In case of delay in completion of the contract, liquidated damages (L.D) may be levied at the rate of ½ % of the contract value per week of delay or part thereof, subject to a maximum of 10 percent of the contract price.

(i) The owner if satisfied, that the works can be completed by the contractor within a reasonable time after the specified time for completion, may allow further extension of time at its discretion with or without the levy of L.D. In the event of extension of time at its discretion with L.D, the owner will be entitled without prejudice to any other right or remedy available in that behalf per cent (1/2%) of the contract value of the works for each week or part of the week subject to the ceiling defined in sub-clause 95A.

(ii) The owner, if not satisfied that the works can be completed by the contractor, and in the event of failure on the part of the contractor to complete work 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.

(iii) The owner, if not satisfied with the progress of the contract and in the event of failure of the contractor to recoup the delays in the mutually agreed time frame, shall be entitled to terminate the contract.

(iv) In the event of such termination of the contract as described in clauses 95A(ii) or 95A(iii) or both the owner shall be entitled to recover L.D. up to ten per cent (10%) of the contract value and forfeit the security deposit made by the contractor besides getting the work completed by other

means at the risk and cost of the contractor.

(v) The ceiling of LD shall be 10% of the cost of work.

(vi) In case part / portions of the work can be commissioned and port operates the portion for commercial purpose, the rate of LD will be restricted to the uncompleted value of work, the maximum LD being on the entire contract value.

Note: Contract price is excluding of GST.

96. GST Clause

- (a) 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. The contractor should have valid GST registration number to become eligible for Participating in the bid. The TDS on GST as per the applicability will be deducted. However, GST will not be considered for evaluation of bid Price. All other duties, taxes, cesses applicable if any, shall be borne by the contractor.
- (b) GST Registration should be invariably mentioned in the bid / tender, failing which the bid / tender will be treated as non-responsive and liable to be discharged.
- (c) GST & PAN No. may be furnished with documentary evidence along with the Tender Documents.
- (d) It is mandatory to upload scanned copies of all the documents including GST registration certificate as stipulated in the bid document. If such document is not uploaded his bid will become invalid and cost of bid document shall not be refunded.
- (e) The TDS under GST Act is required to be deducted @ 2% (1% CGST and 1% SGST or 2% IGST) from payment / credit given to contractors / professionals and others for work order/contracts exceeding Rs. 2,50,000.00
- (f) Contractor / Service provider / Supplier etc. Has to ensure timely and proper filling of GSTR 1 so that DPA 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 financial loss to the DPA and therefore same shall recovered from payment / deposit of the Contractor / Service provider / Supplier etc.

97. The contractor shall have to obtain quarry permits from the office of the Geologist, Department of Geology and Mines, Anjar-Kutch before quarrying any secondary materials like Quarry spall, crushed metal, sand, earth, murrum, rubble etc. All royalties of materials, quarry fees, etc., payable by the contractor directly to the Authority concern and rates tendered shall be deemed to be inclusive of all charges. Before claiming final bill, contractor shall produce “No dues certificate” from the Geologist, Geology and mining department, Anjar.

98. Special conditions for environmental protection

- (i) The Contractor shall strictly follow-up the Environmental rules as per the Environmental Protection Act 1986. While execution of work and as directed by Engineer in Charge.
- (ii) All the Construction materials e.g., Cement, Aggregates, sand & fill materials which are to be used in construction work shall be covered with Tarpaulin or other fabric material as directed by Engineer in Charge.
- (iii) The contractor should have stacked and dispose the waste material in such a manner which are not destroy the environment.
- (iv) The contractor shall sprinkle the water to minimize the dust emission.
- (v) Machine mixers, vibrators, way batchers plant, diesel generator sets and other vehicles engines shall not be left running when not in use.
- (vi) Emission of NO₂ and SO₂ shall be maintained within the work site area as per the International Regulations (MARPOL).
- (vii) To prevent the minimize vibration and noise from machineries / vehicles during construction

activities the contractor shall take the remedial action to minimize noise pollution as under: -

- a. Provide adequate silencers attached with all vehicles and machineries.
 - b. Install suitable mufflers on engine exhaust and compressor component.
 - c. The diesel generators set shall be used of noise less.
- (viii) The contractor (s) shall stacked/stored the construction materials at adequate distance from coastal area.
- (ix) The contractor shall provide the barrier to prevent the construction material from mixing up with surface / ground water.
- (x) The contractor (s) should discharge Waste water generated during Construction work as per CPCB/GPCB regulations.
- 99.** The work shall be done strictly in accordance with specifications laid down in Indian Standard Code of Practice for different building trades of latest edition, in addition to the specifications given in Schedule B, approved plans and instructions issued by Engineer-in-charge from time to time
- 100.** The contractor shall carry out work as per specification & time line failing which notice will be issued and after three notices, if performance not found satisfactory, the contractor will be debarred for participating in new tender of Civil Engineering department for period of two years.
- 101.** The rate quoted by the contractor shall be realistic, during the evaluation of tender, if rates quoted by the contractor are found unrealistic, the tender shall be considered non-responsive & E-I-C reserve right to cancel no any correspondence shall be entertained in this regard.
- 102.** All the material supply be as when required in various size & shapes, required Quantity as per site requirement and instruction of Engineer-in-charge.
- 103.** The Payment to labors is to be made in accordance with latest CLC circular released from time to time failing which appropriate action will be taken against the prospective Contractor by the tender issuing authority.
- 104.** The contractor shall ensure that all his workmen wear PPE (Personal Protective Equipment's) commensurate with the severity of work.
- 105.** The Administration shall also have the right to terminate the contract in case of default by contractor.
- 106.** It should be clearly understood that the tendered rates include wastage and wash away due to rains, storms, floods or any other cause whatsoever.
- 107.** The defect liability period for the subject work is of 12 months from the date of completion of work as certified by Engineer-in-charge.

The defect liability period for the work is 12 months from the date of completion of work as per completion certificate issued by the Engineer in charge. The contractor will be responsible to rectify all the defects observed during defect liability period at his own cost, failing which same will be rectified by the Engineer in charge and amount will be recovered from the performance security.

- (I) Identity Defects : The Nodal Officer or his nominee shall check the Contractor's work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractor's responsibilities. The Nodal Officer or his nominee may instruct the Contractor to search for a Defect and to uncover and test any work that the Nodal Officer or his nominee considers may have a Defect.
- (II) Tests : If the Nodal Officer or his nominee instructs the Contractor to carry out a test not specified in the specification to check whether any work has a Defect and the test shows that it does the Contractor shall pay for the test and any samples. If there is no Defect the test shall be a Compensation Event.

- (III) Correction of defects : The Nodal Officer or his nominee shall give notice to the Contractor of any Defects before the end of the Defects Liability Period, which begins at Completion and is defined in the Contract Data. The Defects Liability Period shall be extended for as long as Defects remain to be corrected.
- (IV) Every time notice of a Defect is given the Contractor shall correct the notified Defect within the length of time specified by the Nodal Officer or his nominee's notice.
- (V) Uncorrected Defects : If the Contractor has not corrected a Defect within the time specified in the Nodal Officer or his nominee's notice the Nodal Officer or his nominee will assess the cost of having the Defect corrected, and the Contractor will pay this amount.

108. Contractor has to provide well painted Steel sign board showing DPA's CSR initiative & other require information as directed by Engineer in-charge at his own cost without any extra payment against it.

109. LIST OF APPROVED MAKE

Sr.No.	Description	Approved Brand
1.	Paint, Primer,	Asian, Nerolac, Berger, Dulux
2.	Putty	Birla, Asian
3.	Anchor fastener / bolts	Fischer, Hilti, BOSCH, RIPPLE
4.	Aluminum sections	TATA, JINDAL, APL APOLLO
5.	All Aluminum anodised fittings	EP & PW or equivalent
6.	SANITARY WARES	CERA,DURAVIT,AMERICAN STANDARD,KOHLER
7.	CP FIXTURES AND ACCESSORIES	1) JAQUAR 2) HANSGROHE 3) GROHE 4) PARRYWARE - ROCA 5) AMERICAN STANDARD 6) KOHLER 7) ESCO
8.	GI PIPES	1) TATA 2) JINDAL
9.	APVC & CPVC PIPES & FITTINGS	1) FINOLEX 2) SUPREME 3) PRINCE 4) ASTRAL 5) ASHIRWAD
10.	STONEWARE PIPES AND FITTINGS	1) APPROVED MAKE ISI
11.	SS SINK	1) AMC 2) KRISHNA 3) NIRALI 4) FRANKE 5) JAYNA
12.	CEMENT	OPC: Ambuja, Ultratech, Birla Plus, ACC
13.	White Cement	BIRLA WHITE, J.K. WHITE, ULTRATECH
14.	TMT - Fe-500 D ribbed bars	TATA, JINDAL, SAIL, JSW
15.	Structural Rolled Steel sections - beams, channels, tee, flats, angles, bars, (round, square, hexagonal)	SAIL, TATA, RINL, JINDAL, JSW

16.	Welding Rods	ADVANI, ESAB
17.	Structural Hollow steel sections (Square and Rectangular)	SAIL, TATA, RINL, JINDAL, JSW
18.	Coarse Aggregates 6 mm to 40 mm sizes	Approved quarry by EIC
19.	Stone Rubbles & Garvels	Approved Quarry by EIC
20.	Shuttering plywood	Kitply, Anchor, Green, Pragati or equivalent
21.	Flush door - decorative / non decorative	GREEN (GREEN DOORS), DURO (TOWER DOORS), CENTURY (CENTURY DOORS PRO), GREENLAM/ GREENPANEL (GREENPANEL DOORS- PINE FILLERS), JET.
22.	UPVC Door/ Windows	ENCRAFT, FENSTA, KOMERLING, REHEAN, VEKA, DURAPLAST, ALUPLAST, SAINTGOBIN, OKOTECH, PABROS, SIMTA ASTRIX.
23.	Locks	Godrej, EPPW, Dorset,
24.	Float Glass/Mirror/Wired Glass	Modi Guard, Saint gobain, Ashahi
25.	Tiles	Kajaria, Nitco, Asian, OHNSON, RESTILE, SOMANY, HINDWARE.
26.	Bricks	NR/NK (Ahmedabad)
27.	Water Tank	Sintax, Plasto, Supreme, and Ashirvad.

CONTRACTOR

**EXECUTIVE ENGINEER(C)
DEENDAYAL PORT AUTHORITY**

TECHNICAL SPECIFICATION FOR ELECTRICAL PART

Deendayal Port Authority (DPA) is one of the Major Port in India. The Specification is intended to cover the Electrification work for Watchman Quarter at Hari Aasro Trust, Adipur, Kutch under CSR (Drawing is enclosed). The work will be carried out simultaneously with Civil work which includes Electrical part i.e. Supply, installation, testing & commissioning of Cable, Distribution Boards, LED Tube Light, Fan & its Wiring. The work shall be executed to the satisfaction of the Engineer in-Charge. The contractor shall arrange all types of tools, tackles, scaffoldings, temporary power supply at his own cost for installation, testing & commissioning of the work.

Electrification work of Watchman Quarter at Hari Aasro Trust, Adipur, Kutch under CSR.

Technical Specification No. 1

This item includes supply at site 1.1 kV grade, 3 core, 1.5 Sq.mm copper conductor XLPE insulated armoured cable confirming to IS 7098 (Part-I): 1985 with up to date amendments, having ISI mark and of approved make. The cable shall have marking/embossing at the interval of every meter showing its progressive length. The contractor shall submit type test certificate at the time of supply of Cable at site. The type test certificate shall not be more than 3 years old. The rate shall be inclusive of all taxes (excluding GST), packing, forwarding, insurance, transportation, and unloading at site of work.

Technical Specification No.2

This item includes laying of 1.1 kV grade, 3 core, 1.5 Sq.mm copper conductor XLPE insulated armoured cable through excavation in hard/soft Soil. The trench shall be excavated of 300 mm width & 1-meter depth. The bed of 50mm of river sand shall be provided at the bottom of the excavated trench. The cable shall be laid over the bed of river sand. The cable shall be protected by providing and laying heavy duty RCC Half Round Pipe of 6" inner Diameter covering the Cable. The filling of the trench shall be done with the excavated stuff & should be watered and rammed properly to its original position. The work includes all material, labour, tools & tackles as directed by Engineer in Charge.

Technical Specification No. 3

This item includes laying of cable size 3 core x 1.5 Sq.mm LT armored copper Conductor XLPE Cable of 1.1KV Grade through on wall/column structure through Saddles & Clamps. The G.I. Saddle clamps shall be provided of size 20mm×1mm (size suitable with respect to cable outer diameter) with suitable size of heavy duty screws for clamping as directed. The cable shall be laid on wall/column structure with clamps at the height as directed by Engineer in-Charge. The clamp shall be fixed rigidly on wall/column structure at 0.5m intervals. The work includes all material, labour, scaffolding, tools & tackles as directed by Engineer in Charge.

Technical Specification No. 4

This item includes providing & fixing concealed wiring for single phase sub-circuit from the main switch /meter /DBs / MCBs to the switchboard with FRLS, 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. 5

The item includes providing & fixing concealed wiring for light/tube/bell point from switchboard with

FRLS, 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. 6

The item includes providing & fixing concealed wiring for fan point from switchboard with FRLS, 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. 7

The item includes providing & fixing concealed wiring for plug point with FRLS, 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. 8

The item includes providing & fixing half point in switch board with FRLS, 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. 9

The item includes providing & fixing concealed wiring for Power Point with FRLS, 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 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 5 in 1 combined unit suitable for 20A & 10A with switch, socket, fuse & indicator with ISI mark. 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. 10

This item includes supply at site 8 Way double door SPN Distribution Board with IP42 degree of protection. The DB shall be made from special grade of CRCA sheet and powder coated. The DB shall be fitted with Bus bar, DIN Rail and neutral link. The rates shall be excluding the cost of MCBs.

Technical Specification No. 11

This item includes fixing & commissioning of supplied 8 Way double door SPN DB on wall/ structure of Quarter Room 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. 12

This item includes supply at site energy efficient 18-20W LED Tube Light fixture complete with batten to be operated on single phase 230V, 50Hz AC supply. The rate shall be inclusive of all taxes (excluding GST), insurance, transportation, unloading at site as directed by Engineer in charge.

Technical Specification No. 13

This item includes fixing and commissioning of 18-20W LED Tube Light fixture on wall/ceiling at suitable height on cemented wooden gutties as directed. The work includes necessary connection from existing ceiling rose with 3 core, 1.5 Sq.mm flexible Cable. This includes all material, labour, tools & tackles as directed by Engineer-in-Charge.

Technical Specification No. 14

This item includes supply at site 10 Watt LED Bulkhead fitting. The Technical Specification is as below:

Sr. No.	Description	Specification
1	Input Power	10 Watt
2	Input voltage AC	120-270 V AC
3	Input Frequency	50 Hz +/-1 Hz
4	Life	50,000 burning hours @ L70B50, Ta 35°C Outdoor
5	Mounting type	Suitable for wall mounting
6	Total Harmonic Distortion	≤ 10%
7	Working Temperature	0°C to +45°C

8	Working Humidity	10% to 90% RH
9	Temperature	6500K
10	Colour rendering index	≥ 70
11	Efficacy	≥ 110 Lumen/Watt
12	Finishing	Corrosion resistant powder coating
13	Power factor	≥ 0.9
14	Construction	Pressure die cast housing
15	Surge Protection	The Luminaire should have a 2.5kV SPD duly bolted inside the Luminaire.
16	Impact Resistance	Minimum IK08
17	Electrical Insulation	Class 1
18	Diffuser material	Polycarbonate
19	Ingress Protection Level of LED Light Fitting	IP 65 or more
20	Makes of LEDs	Osram, Cree, Lumileds, Nichia, Seoul.
21	Specification of LED	SMD type with wattage of each LED should be > 1 Watt and ≤ 3 Watt.
22	Certificate/Report	(1) BIS Certificate for LED Driver. (2) BIS Certificate for LED Luminaire. Contractor shall submit the above certificate/report at the time of supply of fittings.

The rate shall be inclusive of all taxes (excluding GST), insurance, transportation, unloading at site as directed by Engineer in charge.

Technical Specification No. 15

This item includes fixing of supplied 10 Watt LED Bulkhead fitting on wall/ceiling at suitable height on cemented wooden gutties as directed. This includes necessary wiring & connections by providing 3 core, 1.5 Sq.mm flexible copper cable from the junction box to luminaire & necessary earth linking connections with all material, labour, tools & tackles as directed by Engineer in Charge.

Technical Specification No. 16

This includes supply of DIN Rail mounted 'B' Series 32 Amp, 415 Volts, 50 Hz Double Pole (DP) MCB with 10kA Breaking Capacity. The supplied MCB shall conform to IS 8828 or IEC 60898-1.

Technical Specification No. 17

This includes supply of DIN Rail mounted 'B' Series 32 Amp, 415 Volts, 50 Hz Single Pole (SP) MCB with 10kA Breaking Capacity. The supplied MCB shall conform to IS 8828 or IEC 60898-1.

Technical Specification No. 18

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

Technical Specification No. 19

This item includes supply & fixing of 2 Pole, 32A, 30mA, ELCB in double door Distribution Board with all necessary wiring, connection & earth linking of Distribution Board with all material, labour, tools &

tackles as directed by Engineer-In-charge.

Technical Specification No. 20

This item includes supply at site 1200 mm sweep Ceiling Fan fitted with heavy duty grease filled double ball bearing that ensures noiseless performance and long lasting smoother life of fan suitable for single phase 230 Volts A.C., 50Hz. The fan should be 5 star ISI mark. The Fan blades shall be aerodynamically balanced to ensure maximum air delivery at lower power consumption & the blades shall be made of 'heavy gauge' aluminum sheet so as to retain the blade's angel over a longer period. The Fan motor shall be made of superior grade copper wire and impregnated in special varnish for long life operation. The motor shall be totally enclosed and low-loss-silicon steel stampings ensure minimum power consumption with high optimum output. The Fan shall be coated with a special anticorrosive enamel paint that makes them rust free and ensures a classic appearance and longer life. The supplied fan shall confirm to IS specifications. The fan shall be supplied along with all accessories such as down rod 600 mm length, PVC Bobbin, Stainless Steel Nut Bolt with cotter pin, capacitor etc. of approved make and as per IS specification as directed by Engineer in Charge. The rates shall be inclusive of all the taxes (excluding GST), insurance, transportation, unloading at site as directed by Engineer-in-Charge.

Technical specification No. 21

This item includes fixing of supplied Ceiling Fan along with its accessories on existing hook provided in the ceiling roof. The work includes necessary connection from existing ceiling rose with 3 core, 1.5 Sq.mm flexible Cable. This includes all material, labour, tools & tackles as directed by Engineer-in-Charge.

Technical specification No. 22

This item includes preparation of maintenance free earth station by providing 50mm diameter, 3 meter, 100-micron hot dipped GI chemical electrode with back fill compound including accessories & masonry work. A cement concrete (ratio 1:4:8) chamber of at least 300 mm × 300 mm shall be prepared and a CI cover of suitable size shall be provided for the chamber. The work shall be carried out to entire satisfaction of Engineer in charge. This work includes all material, labour, tools & tackles as directed by Engineer-In-Charge.

Technical specification No. 23

This item includes supply at site, laying, fixing and connection of 8 SWG GI earth wire from earth station to Main Distribution Board as directed by Engineer in-Charge. The GI wire shall be laid and clamped suitably on wall/floor/structure or buried in the ground as directed. This work includes all material, labour, tools & tackles as directed by Engineer in-Charge.

Approved Make List of Electrical Items		
Sr. No.	Description	Recommended Makes
1	HV VCB	Siemens/ Crompton Greaves/ ABB/ Schneider
2	HV Gas Insulated Breaker	Siemens/ Schneider/ ABB
3	Power Transformer	Voltamp/ Crompton Greaves/ Bharat Bijlee/ BHEL/ Siemens/ ABB/ Schneider/ T&R
4	Distribution Transformer	EMCO/ Kirloskar/ Patson/ Voltamp/ ABB/ Schneider/ T&R
5	Resin Cast Transformer	Voltamp/ Kirloskar/ EMCO
6	Dry Cast Transformer	Voltamp/ Kirloskar/ EMCO
7	HT XLPE Cable	Polycab/ Torrent/ RPG Asian/ Gloster/ Unistar
8	LT XLPE Cable	Polycab/ Torrent/ RPG Asian/ Rallison/ Primecab/ Havells/ Unistar/ Avocab/ Allcab/ Adcab
9	LT ACB	Siemens/ LK E&A/ Schneider Electric/ C&S

10	Protection Relay	Areva/ LK E&A/ Siemens/ ABB/ C&S
11	LT Panel	CPRI Approved
12	Changeover Switch	Siemens/ LK E&A/ ABB/ C&S/ Schneider Electric/ Legrand/ Indoasian
13	SFU for Main LT Distribution Panel	Siemens/ LK E&A/ ABB/ C&S
14	SFU for Distribution Panel & Feeder Pillar	Siemens/ LK E&A/ ABB/ C&S/ Schneider Electric/ Legrand/ Indoasian/ Havells
15	MCCB for Main LT Distribution Panel	Siemens/ LK E&A/ ABB
16	MCCB for Distribution Panel & Feeder Pillar	Siemens/ LK E&A/ ABB/ C&S/ Schneider Electric/ Legrand/ Indoasian/ Havells
17	MCB/ELCB/RCCB/RCCBO for Main LT Distribution Panel	Siemens/ Hager/ LK E&A/ ABB
18	MCB for Distribution Panel & Feeder Pillar	Siemens/ LK E&A/ ABB/ C&S/ Schneider Electric/ Legrand/ Indoasian/ Havells/ Standard
19	Distribution Board	Standard/ Hensel/ Legrand/ Indoasian/ Havells
20	Multi-Function Digital Meter for Main LT Distribution Panel/ Digital kWh Meter	LK E&A/ Enercon/ Secure/ L&G/ Rishabh
21	Analog Volt/Ampere Meter for Distribution Panel & Feeder Pillar	Rishabh/ AE/ Enercon/ LK E&A
22	Selector Switch for Voltmeter/Ampere Meter	LK E&A/ Siemens/ C&S
23	Power Contactor & Overload Relay	LK E&A/ Siemens/ ABB
24	Quartz Time Clock Switch	LK E&A/ Indoasian/ Siemens
25	PVC Wire with Copper Conductor	RR Kabel/ KEI/ Polycab/ Milex/ Gujcab/ Standard/ Finolex/ Anchor
26	Flush type Switch, Socket, Holder, Ceiling Rose & Electronic Regulator	Anchor/ MK/ Northwest/ Vinay/ Panama/ Havells
27	Bells/ Call Bells	Anchor/ Legend/ MK/ Northwest
28	Modular Switch, Socket, Plate & Box	Anchor/ MK/ Northwest/ Legrand/ Havells/ Indoasian/ Siemens
29	PVC Conduit/ Oval Conduit & Casing Capping and Accessories	Precision/ Vulcan/ Finolex/ Garware/ Restoplast/ Swastik/ BPI
30	Lamp & Fluorescent Lamps	Philips/ Bajaj/ Wipro/ Crompton/ Osram/ Surya Roshni/ GE
31	HPMV & Metal Halide Lamps	Philips/ Bajaj/ Wipro/ Crompton/ Osram/ Surya Roshni/ GE
32	Ignitor for HPSV & Metal Halide Lamps	Philips/ Bajaj/ Wipro/ Crompton/ Osram/ Surya Roshni/ GE
33	Luminaries	Philips/ Bajaj/ Wipro/ Crompton/ Osram/ Surya Roshni/ GE
33	LED Luminaries	Philips/ Bajaj/ Wipro/ Crompton/ Surya/ Pyrotech/ Syska/ Nessa having Surge Protection $\geq 10\text{kV}$ for Fittings & Internal Surge Protection for Driver of $\geq 4\text{kV}$,

		LED Chip of only OSRAM/ CREE/ Philips Lumileds/ Citizen/ Nicia, with LM79 & LM80 Certification
34	Ceiling Fan	Bajaj/ Orient/ Usha/ Crompton/ Almonard/ GEC
35	Wall mounting Fan	Bajaj/ Orient/ Usha/ Crompton/ Almonard/ GEC
36	Exhaust Fan	Bajaj/ Orient/ Usha/ Crompton/ Almonard/ GEC
37	Heavy duty Industrial Wall mounting Fan	Bajaj/ Orient/ Usha/ Crompton/ Almonard/ GEC
38	Water Cooler	Voltas/ Usha/ Blue Star
39	Air Conditioner	Voltas/ Carrier/ Blue Star/ Usha/ Hitachi/ LG/ Samsung/ Onida
40	Refrigerator	Voltas/ Carrier/ Blue Star/ Usha/ Hitachi/ LG/ Samsung/ Whirlpool
41	Voltage Stabilizer	Veeline/ Capri
42	Inverter	Sukam/ Microtek
43	Engine for D.G. Set	Cummins/ Greaves/ Kirloskar/ Caterpillar/ Ashok Leyland/ Volvo
44	Alternator for D.G. Set	Stamford/ Crompton Greaves/ Jyoti/ Kirloskar Electric
45	Electric Motor	Alstom/ Crompton Greaves/ Siemens/ Kirloskar/ ABB
46	Water Pump	Swastik/ KSB
47	Water Geyser	Bajaj/ Usha/ Crompton Greaves/ Spherehot/ Racold
48	Lug & Cable Glands	Dowells/ Jainson/ Braco

SPECIAL CONDITION FOR ELECTRICAL PART

1. Valid Electrical Contractor License:

The Contractor must have valid Electrical Contractor's license for carrying out Electrical work of the nature involved in this tender obtained from Chief Electrical Inspector, Government of Gujarat. The Contractor shall submit certificate and copy of the license in lieu of the same for consideration.

2. Approval by the Engineer-in-Charge or his nominee:

The Contractor shall submit the makes of material, equipment, 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.

3. The guarantee period shall be for a period of one year from the date of handing over of entire electrical work.

4. Payment Terms:

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

- (1) 70% payment (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 and after inspection & acceptance of material by DPA.
- (2) 20% of item rate (subject to deductions as per tender conditions) after completion of

erection, installation, testing and commissioning etc. and 90% of item rate for item covers only laying/fixing/removal etc.

- (3) 10% (subject to deductions as per tender conditions) will be released after successful completion of whole work and handing over to DPA.

Executive Engineer (E)
Deendayal Port Authority

Electrification work of Shed & Watchman Room, Kasturba Gandhi Balika Vidhyalaya at Shinay Taluka – Gandhidham under CSR

Part-A: Electrical Work for Shed

Technical Specification No. 1

This item includes supply at site 1.1 kV grade, 3 core, 1.5 Sq.mm copper conductor XLPE insulated armored cable conforming to IS 7098 (Part-I): 1985 with up to date amendments, having ISI mark and of approved make. The cable shall have marking/embossing at the interval of every meter showing its progressive length. The contractor shall submit type test certificate at the time of supply of Cable at site. The type test certificate shall not be more than 3 years old. The rate shall be inclusive of all taxes (excluding GST), packing, forwarding, insurance, transportation, and unloading at site of work.

Technical Specification No. 2

This item includes laying of 1.1 kV grade, 3 core, 1.5 Sq.mm copper conductor XLPE insulated armoured cable through excavation in hard/soft Soil. The trench shall be excavated of 300 mm width & 1-meter depth. The bed of 50mm of river sand shall be provided at the bottom of the excavated trench. The cable shall be laid over the bed of river sand. The cable shall be protected by providing and laying heavy duty RCC Half Round Pipe of 6" inner Diameter covering the Cable. The filling of the trench shall be done with the excavated stuff & should be watered and rammed properly to its original position. The work includes all material, labour, tools & tackles as directed by Engineer in Charge

Technical Specification No. 3

This item includes laying of 1.1 kV grade, 3 core, 1.5 Sq.mm copper conductor XLPE insulated armored cable on Wall/Column/Steel Structure. The G.I. Saddle clamps shall be provided of minimum size 20mm×1mm (size suitable with respect to cable outer diameter) with suitable size of heavy duty screws for clamping as directed. The cable shall be laid on the Structure with clamps at the height as directed by Engineer in-Charge. The clamp shall be fixed rigidly on the Structure at every 0.3m intervals. The work includes all material, labour, scaffolding, tools & tackles as directed by Engineer in-Charge.

Technical Specification No. 4

This item includes supply at site 8 Way double door SPN Distribution Board with IP42 degree of protection. The DB shall be made from special grade of CRCA sheet and powder coated. The DB shall be fitted with Bus bar, DIN Rail and neutral link complete in all respect. The rates shall be excluding the cost of MCBs.

Technical Specification No. 5

This item includes fixing & commissioning of supplied 8 Way double door SPN DB on wall/ structure of Wall/Column 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. 6

This item includes supply at site 1200 mm sweep Ceiling Fan fitted with heavy duty grease filled double ball bearing that ensures noiseless performance and long lasting smoother life of fan suitable for single phase 230 Volts A.C., 50Hz. The fan should be 5 star ISI mark. The Fan blades shall be aerodynamically balanced to ensure maximum air delivery at lower power consumption & the blades shall be made of 'heavy gauge' aluminum sheet so as to retain the blade's angel over a longer period. The Fan motor shall be made of superior grade copper wire and impregnated in special varnish for long life operation. The motor shall be totally enclosed and low-loss-silicon steel stampings ensure minimum power consumption with high optimum output. The Fan shall be coated with a special anticorrosive enamel paint that makes them rust free and ensures a classic appearance and longer life. The supplied fan shall confirm to IS specifications. The fan shall be supplied along with all accessories such as down rod 600 mm length, PVC Bobbin, Stainless Steel Nut Bolt with cotter pin, capacitor etc. of approved make and as per IS specification as directed by Engineer in Charge. The rates shall be inclusive of all the taxes (excluding GST), insurance, transportation, unloading at site as directed by Engineer in-Charge.

Technical specification No. 7

This item includes fixing of supplied Ceiling Fan along with its accessories on existing hook provided under the roof of the Shed Structure. The work includes necessary connection from existing ceiling rose with 3 core, 1.5 Sq.mm flexible Cable. This includes all material, labour, tools & tackles as directed by Engineer in-Charge.

Technical Specification No. 8

This item includes supply at site energy efficient 20-22W LED Tube Light fixture complete with batten to be operated on single phase 230V, 50Hz AC supply. The rate shall be inclusive of all taxes (excluding GST), insurance, transportation, unloading at site as directed by Engineer in-Charge.

Technical Specification No. 9

This item includes fixing and commissioning of 20-22W LED Tube Light fixture under the roof of the Shed Structure with suitable type & size of fasteners as directed by Engineer in-Charge. The work includes necessary connection from existing ceiling rose with 3 core, 1.5 Sq.mm flexible Cable. This includes all material, labour, tools & tackles as directed by Engineer-in-Charge.

Technical Specification No. 10

The item includes providing & fixing surface wiring for tube light point from switchboard with FRLS, 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 in the Shed Structure 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 Push/Flush type SP switch 6A x 250V modular with ISI mark (as per approved make list) and to meet specifications of IS: 3854 & 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/Shed Structure as directed 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. 11

The item includes providing & fixing Fan Point from switchboard with FRLS, 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 the Shed Structure 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 modular with ISI mark (as per approved make list) 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/Shed Structure as directed 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. 12

This includes supply of DIN Rail mounted 'B' Series 32 Amp, 230 Volts, 50 Hz Double Pole (DP) MCB with 10kA Breaking Capacity. The supplied MCB shall conform to IS 8828 or IEC 60898-1.

Technical Specification No. 13

This includes supply of DIN Rail mounted 'B' Series 6 – 32 Amp, 230 Volts, 50 Hz Single Pole (SP) MCB with 10kA Breaking Capacity. The supplied MCB shall conform to IS 8828 or IEC 60898-1.

Technical Specification No. 14

This item includes fixing & commissioning of supplied DP/SP MCB in existing SPN double door DB. The MCB shall be fixed on DIN Rail provided in existing DB. This includes necessary wiring, connections, distribution & earth linking of DB with all material, labour tools & tackles as directed by Engineer in-charge.

Technical Specification No. 15

This item includes supply & fixing of 2 Pole, 32A, 30mA, ELCB in double door Distribution Board with all necessary wiring, connection & earth linking of Distribution Board with all material, labour, tools & tackles as directed by Engineer in-charge.

Technical specification No. 16

This item includes preparation of maintenance free earth station by providing 60mm diameter, 3 meter, 100-micron hot dipped GI chemical electrode with back fill compound including accessories & masonry work. A cement concrete (ratio 1:4:8) chamber of at least 500 mm × 500 mm × 500mm × 50mm (thickness of wall) shall be prepared and a cover of suitable size shall be provided for the chamber. This work includes all material, labour, tools & tackles as directed by Engineer in-Charge.

Technical specification No. 17

This item includes supply at site, laying, fixing and connection of 8 SWG GI earth wire from Earth Station to Main SPN Distribution Board as directed by Engineer in-Charge. The GI wire shall be laid and clamped suitably on wall/floor/structure or buried in the ground as directed. This work includes all material, labour, tools & tackles as directed by Engineer in-Charge.

Part-B: Electrical Work for Watchman Room

Technical Specification No. 1

This item includes supply at site 1.1 kV grade, 3 core, 1.5 Sq.mm copper conductor XLPE insulated armoured cable confirming to IS 7098 (Part-I): 1985 with up to date amendments, having ISI mark and of approved make. The cable shall have marking/embossing at the interval of every meter showing its progressive length. The contractor shall submit type test certificate at the time of supply of Cable at site. The type test certificate shall not be more than 3 years old. The rate shall be inclusive of all taxes (excluding GST), packing, forwarding, insurance, transportation, and unloading at site of work.

Technical Specification No. 2

This item includes laying of 1.1 kV grade, 3 core, 1.5 Sq.mm copper conductor XLPE insulated armoured cable through excavation in hard/soft Soil. The trench shall be excavated of 300 mm width & 1-meter depth. The bed of 50mm of river sand shall be provided at the bottom of the excavated trench. The cable shall be laid over the bed of river sand. The cable shall be protected by providing and laying heavy duty RCC Half Round Pipe of 6" inner Diameter covering the Cable. The filling of the trench shall be done with the excavated stuff & should be watered and rammed properly to its original position. The work includes all

material, labour, tools & tackles as directed by Engineer in Charge.

Technical Specification No. 3

This item includes laying of cable size 3 core x 1.5 Sq.mm LT armored copper Conductor XLPE Cable of 1.1KV Grade through on wall/column structure through Saddles & Clamps. The G.I. Saddle clamps shall be provided of size 20mm×1mm (size suitable with respect to cable outer diameter) with suitable size of heavy duty screws for clamping as directed. The cable shall be laid on wall/column structure with clamps at the height as directed by Engineer in-Charge. The clamp shall be fixed rigidly on wall/column structure at 0.5m intervals. The work includes all material, labour, scaffolding, tools & tackles as directed by Engineer in Charge.

Technical Specification No. 4

This item includes supply at site 8 Way double door SPN Distribution Board with IP42 degree of protection. The DB shall be made from special grade of CRCA sheet and powder coated. The DB shall be fitted with Bus bar, DIN Rail and neutral link. The rates shall be excluding the cost of MCBs.

Technical Specification No. 5

This item includes fixing & commissioning of supplied 8 Way double door SPN DB on wall/ structure of Watchman room 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. 6

This item includes supply at site 1200 mm sweep Ceiling Fan fitted with heavy duty grease filled double ball bearing that ensures noiseless performance and long lasting smoother life of fan suitable for single phase 230 Volts A.C., 50Hz. The fan should be 5 star ISI mark. The Fan blades shall be aerodynamically balanced to ensure maximum air delivery at lower power consumption & the blades shall be made of 'heavy gauge' aluminum sheet so as to retain the blade's angel over a longer period. The Fan motor shall be made of superior grade copper wire and impregnated in special varnish for long life operation. The motor shall be totally enclosed and low-loss-silicon steel stampings ensure minimum power consumption with high optimum output. The Fan shall be coated with a special anticorrosive enamel paint that makes them rust free and ensures a classic appearance and longer life. The supplied fan shall confirm to IS specifications. The fan shall be supplied along with all accessories such as down rod 600 mm length, PVC Bobbin, Stainless Steel Nut Bolt with cotter pin, capacitor etc. of approved make and as per IS specification as directed by Engineer in Charge. The rates shall be inclusive of all the taxes (excluding GST), insurance, transportation, unloading at site as directed by Engineer in-Charge.

Technical specification No. 7

This item includes fixing of supplied Ceiling Fan along with its accessories on existing hook provided under the roof of the Watchman room. The work includes necessary connection from existing ceiling rose with 3 core, 1.5 Sq.mm flexible Cable. This includes all material, labour, tools & tackles as directed by Engineer in-Charge.

Technical Specification No. 8

This item includes providing & fixing concealed wiring for single phase sub-circuit from the main switch /meter /DBs / MCBs to the switchboard with FRLS, 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. 9

The item includes providing & fixing concealed wiring for light/tube point from switchboard with FRLS, 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. 10

The item includes providing & fixing concealed wiring for fan point from switchboard with FRLS, 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. 11

The item includes providing & fixing concealed wiring for plug point with FRLS, 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. 12

The item includes providing & fixing half point in switch board with FRLS, 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. 13

This item includes supply at site 10 Watt LED Bulkhead fitting. The Technical Specification is as below:

Sr. No.	Description	Specification
1	Input Power	10 Watt
2	Input voltage AC	120-270 V AC
3	Input Frequency	50 Hz +/-1 Hz
4	Life	50,000 burning hours @ L70B50, Ta 35°C Outdoor
5	Mounting type	Suitable for wall mounting
6	Total Harmonic Distortion	$\leq 10\%$
7	Working Temperature	0°C to +45°C
8	Working Humidity	10% to 90% RH
9	Temperature	6500K
10	Colour rendering index	≥ 70
11	Efficacy	≥ 110 Lumen/Watt
12	Finishing	Corrosion resistant powder coating
13	Power factor	≥ 0.9
14	Construction	Pressure die cast housing
15	Surge Protection	The Luminaire should have a 2.5kV SPD duly bolted inside the Luminaire.
16	Impact Resistance	Minimum IK08
17	Electrical Insulation	Class 1
18	Diffuser material	Polycarbonate
19	Ingress Protection Level of LED Light Fitting	IP 65 or more
20	Makes of LEDs	Osram, Cree, Lumileds, Nichia, Seoul.
21	Specification of LED	SMD type with wattage of each LED should be > 1 Watt and ≤ 3 Watt.
22	Certificate/Report	(1) BIS Certificate for LED Driver. (2) BIS Certificate for LED Luminaire. Contractor shall submit the above certificate/report at the time of supply of fittings.

The rate shall be inclusive of all taxes (excluding GST), insurance, transportation, unloading at site as directed by Engineer in charge.

Technical Specification No. 14

This item includes fixing of supplied 10 Watt LED Bulkhead fitting on wall/ceiling at suitable height on cemented wooden gutties as directed. This includes necessary wiring & connections by providing 3 core, 1.5 Sq.mm flexible copper cable from the junction box to luminaire & necessary earth linking connections with all material, labour, tools & tackles as directed by Engineer in Charge.

Technical Specification No. 15

This includes supply of DIN Rail mounted 'B' Series 32 Amp, 415 Volts, 50 Hz Double Pole (DP) MCB with 10kA Breaking Capacity. The supplied MCB shall conform to IS 8828 or IEC 60898-1.

Technical Specification No. 16

This includes supply of DIN Rail mounted 'B' Series 32 Amp, 415 Volts, 50 Hz Single Pole (SP) MCB with 10kA Breaking Capacity. The supplied MCB shall conform to IS 8828 or IEC 60898-1.

Technical Specification No. 17

This item includes fixing & commissioning of supplied DP/SP MCB in existing SPN double door DB on wall / structure. The MCB shall be fixed on DIN Rail provided in existing DB. This includes necessary wiring, connections, distribution & earth linking of DB with all material, labour tools & tackles as directed by Engineer in-charge.

Technical Specification No. 18

This item includes supply & fixing of 2 Pole, 32A, 30mA, ELCB in double door Distribution Board with all necessary wiring, connection & earth linking of Distribution Board with all material, labour, tools & tackles as directed by Engineer in-charge.

Technical Specification No. 19

This item includes supply at site 20 Watt LED Street Light fitting. The Technical Specification is as below:

Sr. No.	Description	Specification
1	Input Power	20 Watt
2	Input voltage AC	120-270 V AC
3	Input Frequency	50 Hz +/-1 Hz
4	Life	50,000 burning hours @ L70B50, Ta 35°C Outdoor
5	Mounting type	Suitable for street light mounting
6	Total Harmonic Distortion	≤ 10%
7	Working Temperature	0°C to +45°C
8	Working Humidity	10% to 90% RH
9	Temperature	6500K
10	Colour rendering index	≥ 70
11	Efficacy	≥ 120 Lumen/Watt
12	Finishing	Corrosion resistant powder coating
13	Power factor	≥ 0.9
14	Construction	Pressure die cast housing
15	Surge Protection	The Luminaire should have a 2.5kV SPD duly bolted inside the Luminaire.
16	Impact Resistance	Minimum IK08
17	Electrical Insulation	Class 1
18	Diffuser material	Polycarbonate
19	Ingress Protection Level of LED Light Fitting	IP 65 or more
20	Makes of LEDs	Osram, Cree, Lumileds, Nichia, Seoul.

21	Specification of LED	SMD type with wattage of each LED should be > 1 Watt and $\leq$ 3 Watt.
22	Certificate/Report	(1) BIS Certificate for LED Driver. (2) BIS Certificate for LED Luminaire. Contractor shall submit the above certificate/report at the time of supply of fittings.

The rate shall be inclusive of all taxes (excluding GST), insurance, transportation, unloading at site as directed by Engineer in charge.

Technical Specification No. 20

This item includes fixing of supplied 20 Watt LED Street light fitting on wall structure at suitable height on cemented wooden gutties as directed. This includes necessary wiring & connections by providing 3 core, 1.5 Sq.mm flexible copper cable from the junction box to luminaire & necessary earth linking connections with all material, labour, tools & tackles as directed by Engineer in Charge.

Technical Specification No. 21

This item includes supply of Tamper proof, Shock proof and Rust proof SMC (Sheet Moulding Compound) Junction Box with side hinged door and shall be supplied with 5 nos. connectors suitable for 16A x 230 Volts. The Junction box shall be in single piece without any joints having concealed hinges, mounting screws fitted from inside, Metal hardware for wire seal, light weight and adequate. The size of SMC Junction Box shall be of inside dimension 140 mm x 140 mm x 95mm. The rate shall be inclusive of all taxes (excluding GST), insurance, transportation, unloading at site as directed by Engineer in charge.

Technical Specification No. 22

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

Technical Specification No. 23

This item includes preparation of maintenance free earth station by providing 60mm diameter, 3 meter, 100-micron hot dipped GI chemical electrode with back fill compound including accessories & masonry work. A cement concrete (ratio 1:4:8) chamber of at least 500 mm x 500 mm x 500mm x 50mm (thickness of wall) shall be prepared and a cover of suitable size shall be provided for the chamber. This work includes all material, labour, tools & tackles as directed by Engineer in-Charge.

Technical specification No. 24

This item includes supply at site, laying, fixing and connection of 8 SWG GI earth wire from earth station to Main Distribution Board as directed by Engineer in-Charge. The GI wire shall be laid and clamped suitably on wall/floor/structure or buried in the ground as directed. This work includes all material, labour, tools & tackles as directed by Engineer in-Charge.

Approved Make List of Electrical Items		
Sr. No.	Description	Recommended Makes
1	HV VCB	Siemens/ Crompton Greaves/ ABB/ Schneider
2	HV Gas Insulated Breaker	Siemens/ Schneider/ ABB
3	Power Transformer	Voltamp/ Crompton Greaves/ Bharat Bijlee/ BHEL/ Siemens/ ABB/ Schneider/ T&R

4	Distribution Transformer	EMCO/ Kirloskar/ Patson/ Voltamp/ ABB/ Schneider/ T&R
5	Resin Cast Transformer	Voltamp/ Kirloskar/ EMCO
6	Dry Cast Transformer	Voltamp/ Kirloskar/ EMCO
7	HT XLPE Cable	Polycab/ Torrent/ RPG Asian/ Gloster/ Unistar
8	LT XLPE Cable	Polycab/ Torrent/ RPG Asian/ Rallison/ Primecab/ Havells/ Unistar/ Avocab/ Allcab/ Adcab
9	LT ACB	Siemens/ LK E&A/ Schneider Electric/ C&S
10	Protection Relay	Areva/ LK E&A/ Siemens/ ABB/ C&S
11	LT Panel	CPRI Approved
12	Changeover Switch	Siemens/ LK E&A/ ABB/ C&S/ Schneider Electric/ Legrand/ Indoasian
13	SFU for Main LT Distribution Panel	Siemens/ LK E&A/ ABB/ C&S
14	SFU for Distribution Panel & Feeder Pillar	Siemens/ LK E&A/ ABB/ C&S/ Schneider Electric/ Legrand/ Indoasian/ Havells
15	MCCB for Main LT Distribution Panel	Siemens/ LK E&A/ ABB
16	MCCB for Distribution Panel & Feeder Pillar	Siemens/ LK E&A/ ABB/ C&S/ Schneider Electric/ Legrand/ Indoasian/ Havells
17	MCB/ELCB/RCCB/RCCBO for Main LT Distribution Panel	Siemens/ Hager/ LK E&A/ ABB
18	MCB for Distribution Panel & Feeder Pillar	Siemens/ LK E&A/ ABB/ C&S/ Schneider Electric/ Legrand/ Indoasian/ Havells/ Standard
19	Distribution Board	Standard/ Hensel/ Legrand/ Indoasian/ Havells
20	Multi-Function Digital Meter for Main LT Distribution Panel/ Digital kWh Meter	LK E&A/ Enercon/ Secure/ L&G/ Rishabh
21	Analog Volt/Ampere Meter for Distribution Panel & Feeder Pillar	Rishabh/ AE/ Enercon/ LK E&A
22	Selector Switch for Voltmeter/Ampere Meter	LK E&A/ Siemens/ C&S
23	Power Contactor & Overload Relay	LK E&A/ Siemens/ ABB
24	Quartz Time Clock Switch	LK E&A/ Indoasian/ Siemens
25	PVC Wire with Copper Conductor	RR Kabel/ KEI/ Polycab/ Milex/ Gujcab/ Standard/ Finolex/ Anchor
26	Flush type Switch, Socket, Holder, Ceiling Rose & Electronic Regulator	Anchor/ MK/ Northwest/ Vinay/ Panama/ Havells
27	Bells/ Call Bells	Anchor/ Legend/ MK/ Northwest

28	Modular Switch, Socket, Plate & Box	Anchor/ MK/ Northwest/ Legrand/ Havells/ Indoasian/ Siemens
29	PVC Conduit/ Oval Conduit & Casing Capping and Accessories	Precision/ Vulcan/ Finolex/ Garware/ Restoplast/ Swastik/ BPI
30	Lamp & Fluorescent Lamps	Philips/ Bajaj/ Wipro/ Crompton/ Osram/ Surya Roshni/ GE
31	HPMV & Metal Halide Lamps	Philips/ Bajaj/ Wipro/ Crompton/ Osram/ Surya Roshni/ GE
32	Ignitor for HPSV & Metal Halide Lamps	Philips/ Bajaj/ Wipro/ Crompton/ Osram/ Surya Roshni/ GE
33	Luminaries	Philips/ Bajaj/ Wipro/ Crompton/ Osram/ Surya Roshni/ GE
33	LED Luminaries	Philips/ Bajaj/ Wipro/ Crompton/ Surya/ Pyrotech/ Syska/ Nessa having Surge Protection $\geq 10\text{kV}$ for Fittings & Internal Surge Protection for Driver of $\geq 4\text{kV}$, LED Chip of only OSRAM/ CREE/ Philips Lumileds/ Citizen/ Nicia, with LM79 & LM80 Certification
34	Ceiling Fan	Bajaj/ Orient/ Usha/ Crompton/ Almonard/ GEC
35	Wall mounting Fan	Bajaj/ Orient/ Usha/ Crompton/ Almonard/ GEC
36	Exhaust Fan	Bajaj/ Orient/ Usha/ Crompton/ Almonard/ GEC
37	Heavy duty Industrial Wall mounting Fan	Bajaj/ Orient/ Usha/ Crompton/ Almonard/ GEC
38	Water Cooler	Voltas/ Usha/ Blue Star
39	Air Conditioner	Voltas/ Carrier/ Blue Star/ Usha/ Hitachi/ LG/ Samsung/ Onida
40	Refrigerator	Voltas/ Carrier/ Blue Star/ Usha/ Hitachi/ LG/ Samsung/ Whirlpool
41	Voltage Stabilizer	Veeline/ Capri
42	Inverter	Sukam/ Microtek
43	Engine for D.G. Set	Cummins/ Greaves/ Kirloskar/ Caterpillar/ Ashok Leyland/ Volvo
44	Alternator for D.G. Set	Stamford/ Crompton Greaves/ Jyoti/ Kirloskar Electric
45	Electric Motor	Alstom/ Crompton Greaves/ Siemens/ Kirloskar/ ABB
46	Water Pump	Swastik/ KSB
47	Water Geyser	Bajaj/ Usha/ Crompton Greaves/ Spherehot/ Racold
48	Lug & Cable Glands	Dowells/ Jainson/ Braco

SPECIAL CONDITION FOR ELECTRICAL PART

5. Valid Electrical Contractor License:

The Contractor must have valid Electrical Contractor's license for carrying out Electrical work of the nature involved in this tender obtained from Chief Electrical Inspector, Government of Gujarat. The Contractor shall submit certificate and copy of the license in lieu of the same for consideration.

6. Approval by the Engineer in-Charge or his nominee:

The Contractor shall submit the makes of material, equipment, 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.

7. The guarantee period shall be for a period of one year from the date of handing over of entire electrical work.

8. Payment Terms:

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

- (4) 70% payment (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 and after inspection & acceptance of material by DPA.
- (5) 20% of item rate (subject to deductions as per tender conditions) after completion of erection, installation, testing and commissioning etc. and 90% of item rate for item covers only laying/fixing/removal etc.
- (6) 10% (subject to deductions as per tender conditions) will be released after successful completion of whole work and handing over to DPA.

Executive Engineer (E)
Deendayal Port Authority

SECTION 4

FORMS OF SECURITIES AND OTHER FORMATS

FORM OF SECURITIES AND OTHER FORMATS

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

SPECIMEN BANK GUARANTEE PERFORMANCE
GUARANTEE/ SECURITY DEPOSIT
(To be executed on Rs.300/- non-judicial Stamp Paper)

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

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

(Name of the contractor/s) Under the terms and conditions of the contract, vide _____'s letter No _____ (Name of the
Department)

Date _____ made between the contractors and the Board for execution of _____ covered under Tender No. _____ dated _____ (hereinafter called "the said contract") for the payment of Security Deposit in cash or Lodgement of Government Promissory Loan Notes for the due fulfilment by the said contractors of the terms and conditions 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 or which would be caused to or suffered by the Board by reasons of any breach by the contractors of any of the terms and conditions of the said contract.

2. We, _____, do hereby (Name of Bank) (Name of Branch)

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

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

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

4. We, _____ further agree with the Board that the (Name of Bank and Branch) guarantee herein contained shall remain in full force and effect during the period that would be taken for performance of the said contract and that it shall continue to be enforceable till all the dues of the Board under or by virtue of the said contract have been fully paid and its claims satisfied or discharged or till the

(Name of the user department)

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

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

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

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

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

6. 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 up to _____; and

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

Date _____ day of _____ 20

For (Name of Bank)

(Name) Signature

Annexure – “II”

Bank Payment Agreement For: (to be collected from the Parties)

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

DECLARATION BY THE PARTY: -

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

Signature of the Party With the seal

SPECIMEN FORMAT FOR DECLARATION
(To be executed on bidder's letter head)

To

(Project Title)

Ref:

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

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

Date:

Place:

Name of the Applicant:

Represented by (Name & Capacity)

SPECIMEN LETTER OF AUTHORITY FROM BANK
FOR ALL BGs
(To be executed on Bank's Letter Head)

Date: _____

To,
The Board of Deendayal Port Authority [insert port],

Dear Sir,
Sub: Our Bank Guarantee No. _____ dated
_____ for Rs. _____ 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 up to 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

SPECIMEN LETTER OF AUTHORITY FOR
SUBMISSION OF BID
(To be executed on Rs.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 against tender no and his
specimen signature is appended here to.

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

[specimen signature]

Yours faithfully,

Signature:

Name & Designation: For & on behalf of:

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

Bid Security Declaration Form Date:

Tender No. _____

To (insert complete name and address of the Employer/ Purchaser)I/We. The undersigned,
declare that:

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

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

- a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid
during the period of bid validity specified in the form of Bid;
or
- b) having been notified of the acceptance of our Bid by the purchaser during the period of
bid validity

(i) fail or reuse to execute the contract, if required,

or (ii) fail or furnish the Performance Security, in accordance with the Instructions to
Bidders.

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

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

Name: (insert complete name of person signing the Bid Securing Declaration)

Duly authorized to sign the bid for and on behalf of (insert complete name of Bidder)

Dated on _____ day of _____ (insert date of signing) Corporate Seal
(where appropriate)

INTEGRITY PACT

Between

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

and

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

Preamble

The Principal intends to award, under laid down organizational procedures, contract(s) / concession(s) for Tender No. 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.

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".

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 or Contractor or of an employee, or a representative, or an associate of a Bidder or Contractor, which

constitutes corruption, or if the Principal has substantive suspicion, in this regard, the Principal will inform the same to the Chief Vigilance Officer (CVO) and the CVO will take further necessary action as deemed fit in accordance with the CVC Manual.

Section 8 - External Independent Monitor

(1) The Principal appoints competent and credible Independent External Monitor for this Pact after approval by Central Vigilance Commission. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.

(2) The Monitor is not subject to instructions by the representative of the parties and performs his / her functions neutrally and independently. The Monitor would have access to all Contract documents, whenever required. It will be obligatory for him / her to treat the information and documents of the Bidders / Contractors as confidential. He / she reports to the Chairperson of the Board of the Principal.

(3) The Bidder(s) / Contractor(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Bidder / Contractor will also grant the Monitor, upon his / her request and demonstration of a valid interest, unrestricted and unconditional access to the project documentation. The Monitor is under contractual obligation, to treat the information and documents of the Bidder / Contractor with confidentiality.

(4) The Monitor is under contractual obligation to treat the information and documents of the Bidder(s) / Contractor(s) with confidentiality. The Monitor has also signed declaration on "Non-Disclosure of Confidential Information" and of "Absence of Conflict of Interest". In case of any conflict of interest arising at a later date, the IEM shall inform Chairman, DPA and 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 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 intentions.

(5) Issues like Warranty / Guarantee etc. shall be outside the purview of IEMs.

(6) In the event of any contradiction between the Integrity Pact and its Annexure, the Clause in the Integrity Pact will prevail.


अधिकाची अभियंता (निर्माण)
(Principal Executive Engineer (Construction))
Deendayal Port Authority

(For & on behalf of the Bidder/Contractor)
(Office Seal)

Place : Gandhidham
Date : ____/____/20____


Witness-1:
(Name & Address) Nilesch Sachde
Jr. Engineer

Witness-2:
(Name & Address)_____

"Note:

- (1) The bidder has to execute Integrity Pact agreement with Deendayal Part Authority (as per Bid Response Sheet No. 10) as per procedure given under Section 2 of the tender documents.
- (2) The bidder has to execute Integrity Pact agreement with DEENDAYAL PORT AUTHORITY (As per Appendix) Shri Amiya Kumar Mohapatra, IFoS (Retd.), and Dr. Gopal Dhawan, Ex-CMD, MECL Has been nominated as Independent External Monitor for Integrity Pact. Whose address is as under

Shri Amiya Kumar Mohapatra, IFoS (Retd.),
Qrs. No. 5/9, Unit-9, Bhoi Nagar, Bhubaneswar-751 022.
Mobile No. 9437002530

email: amiyaiifs@gmail.com

Dr. Gopal Dhawan, Ex-CMD, MECL,
House no. 120, Jal Shakti Vihar (NHPC Society) P4, Builders Area, Greater Noida
Gautam Budh Nagar, Utter Pradesh- 201 315.
Mobile No. 8007771467
email: gdhawangeologist@gmail.com

FORM-8A

FORMAT FOR INSURANCE SURETY BOND FOR PERFORMANCE GUARANTEE
(To be execute on Non-Judicial Stamp paper of appropriate value)

(Insurance Surety Bond No)

Date.....

(Name of the Contract)

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

Dear Sirs,

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

We [Name & Address of the Insurance Company] having its Head Office at (hereinafter referred to as the 'Surety', which expression shall, unless repugnant to the context of meaning thereof, include its successors, administrators, executors and assigns) do hereby guarantee and undertake to pay the Employer, on demand any and all monies payable by the Contractor to the extent of (*) as aforesaid at any time upto (@) [days/month/year] without any demur, reservation, contest, recourse or protest and/or without any reference to the Contractor. Any such demand made by the Employer on the Insurance Company shall be conclusive and binding notwithstanding any difference between the Employer and the Contractor or any dispute pending before any Court, Tribunal, Arbitrator or any other authority. The Surety undertakes not to revoke this guarantee during its currency without previous consent of the Employer and further agrees that the guarantees herein contained shall continue to be enforceable till the Employer discharges this guarantee or till [days/month/year] whichever is earlier.

The Employer shall have the fullest liberty, without affecting in any way the liability of the Insurance company under this guarantee, from time to time to extend the time for performance of the Contract by the Contractor. The Employer shall have the fullest liberty, without affecting this guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which they might have against the Contractor, and to exercise the same at any time in any manner, and either to enforce or to forbear to enforce any covenants, contained or implied, in the Contract between the Employer and the Contractor or any other course or remedy or security available to the Employer. The Insurance company shall not be released of its obligations under these presents by any

exercise by the Employer of its liberty with reference to the matters aforesaid or any of them or by reason of any other act or forbearance or other acts of omission or commission on the part of the Employer or any other indulgence shown by the Employer or by any other matter or thing whatsoever which under law would, but for this provision have the effect of relieving the Insurance Company.

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

i) Our liability under this Insurance Surety Bond shall not exceed.....(*).....

ii) This Insurance Surety Bond shall be valid upto.....(+).

iii) We are liable to pay the guaranteed amount or any part thereof under this Insurance Surety Bond only and only if Employer serve upon Insurance Company a written claim or demand on or before(@)

Dated this day of.....20..... at

WITNESS

Signed for and on behalf of the Insurance Company

1.
(Signature)

.....
(Signature)

.....
(Name)

.....
(Name)

Notes:

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

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

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

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

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

However, in such a case, the Insurance Surety Bond shall be got confirmed through any Indian Scheduled/Nationalized Insurance Company.

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

Format of Insurance Surety Bond for Earnest Money Deposit

(To be executed on Non-Judicial Stamp Paper of Appropriate value)

Insurance Surety Bond No.....

Date:.....

(Name of Contract)

To: (Name and address of Employer)

WHEREAS (name of Bidder) (hereinafter called "the Bidder") has submitted its Bid dated (date of bid) for the performance of the above named Contract (hereinafter called "the Bid")

KNOW ALL PERSONS by these present that We (name of Insurance Company) of.....KNOW ALL PERSONS by these present that We (name of Insurance Company) of..... (address of Insurance Company) (hereinafter called "the Surety"), are bound unto the Board of Deendayal Port Authority (hereinafter called "the Employer") for the sum of. (amount), for which payment well and truly to be made to the said Employer, the Surety binds itself, its successors and assigns by these presents.

THE CONDITIONS of this obligation are as follows:

1. If the Bidder (a) withdraws or modifies its Bid during the period of bid validity, or (b) adopts corrupt or collusive or coercive or fraudulent practices or defaults under Integrity Pact.
2. If the Bidder, having been notified of the acceptance of its Bid by the Employer during the period of bid validity.
 - (a) fails or refuses to sign the Contract Agreement when required, or
 - (b) fails or refuses to submit the performance security in accordance with the Tender Documents.

We undertake to pay to the Employer up to the above amount upon receipt of its first written demand, without the Employer having to substantiate its demand, provided that in its demand the Employer will mention that the amount claimed by it is due, owing to the occurrence of one or both of the two above-named CONDITIONS, and specifying the occurred condition or conditions.

The Surety declares that this Insurance Surety Bond is issued by the (name of Insurance Company) as per the applicable rules and regulations of Insurance Regulatory Development Authority of India (IRDAI).

This Insurance Surety Bond will remain in force up to and including (date 90 days after the period of bid validity), and any demand in respect thereof must reach the Surety not later than the above date.

For and on behalf of the Insurance Company

in the capacity of

Common Seal of the Insurance Company with complete address including Tel. Nos./e-Mail Id.

Staff Authority No. of the officer of the Insurance Company/Signatory

INSTRUCTIONS FOR EXECUTION OF INSURANCE SURETY BOND FOR EARNEST MONEY DEPOSIT

1. Insurance Surety Bond for Earnest Money Deposit should be executed on non-judicial Stamp papers of requisite value in accordance with the stamp Act if applicable to that particular state of Indian Union country of executing Insurance Company, where executed. In case the same is issued by an International Insurance Company (it should be registered under insurance Act 1938 or as amended from time to time and approved by the Insurance Regulatory Development Authority of India (IRDAI)) the law prevalent in the country of execution shall prevail for the purpose of Stamp Duty on the Insurance Surety Bond. However, in such a case, the Insurance Surety Bond for Earnest Money Deposit shall be got confirmed by the Bidder through any Indian Scheduled/Nationalized Insurance Company.
2. The executing officers of the Insurance Surety Bond for Earnest Money/Bid Security shall clearly indicate in (block letters) his name, designation, Power of Attorney No./Signing Power No. as well as telephone/ fax numbers with full correspondence address of the issuing Guarantee etc.
3. Each page of the Insurance Surety Bond for Earnest Money Deposit shall be duly signed/initialled by the executing officers and the last page shall be signed in full, indicating the particulars as aforesaid (sub-para 2) under the seal of the Insurance Company
4. Stamp paper shall be purchased in the name of Insurance Company counting the Insurance Surety Bond, after the date 'Notice Inviting Tender', not more than six months prior to execution/issuance of the Insurance Surety Bond. The name of the purchaser should appear at the back side of stamp paper in the Vendors Sing. The issuing insurance Company shall be requested independently for verification/confirmation of the Insurance Surety Bond issued, non-confirmation of which may lead to rejection of 'Insurance Surety Bond'.

5. Irrevocable, valid and fully enforceable Insurance Surety Bond in favour of the Employer (Name of Employer) issued by any Insurance Company registered under insurance Act amended from time to time and approved by the Insurance Regulatory Development Authority of India (IRDA) in Indian currency (INR) only is acceptable to the Employer.
6. Insurance Surety and for Bid security in original shall be submitted along with the Bid. However, the issuing Insurance Company shall submit an unstamped duplicate copy of Insurance Surety Bond directly by registered post (A.D.) to the Employer (authority inviting tenders) with forwarding letter.

SECTION 5

BILL OF QUANTITY

SCHEDULE "A" & "B"

[illegible]