

**AHMEDABAD DIVISION-ELECTRICAL/WESTERN RLY
TENDER DOCUMENT**

Tender No: EL-50-1-ADI-T-54-2022-23

Closing Date/Time: 08/12/2022 15:00

DRM Electrical acting for and on behalf of The President of India invites E-Tenders against Tender No **EL-50-1-ADI-T-54-2022-23** Closing Date/Time 08/12/2022 15:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

1. NIT HEADER

Name of Work	Asarva - Electrical work in connection with providing and augmentation of station watering arrangement with drainage arrangement on platforms for passengers.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	08/12/2022 15:00	Date Time Of Uploading Tender	10/11/2022 14:39
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	915484.00	Tendering Section	WA
Bidding Style	Single Rate for Tender	Bidding Unit	Above/Below/Par
Earnest Money (Rs.)	18300.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	0.00	Period of Completion	4 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	24/11/2022	Are Joint Venture (JV) firms allowed to bid	No
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Capital (Works)

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule A-Schedule of Rates and quantities							915484.00	
01	Please see Item Breakup for details.				46720.00	AT Par	46720.00	
	Description:- Supply, installation, testing and commissioning of Distribution Board Panel having 250 A MCCB FP as incoming and 2 Nos. 125A MCCB FP & 2 Nos. 32 Amp. MCB FP as outgoing with all associate accessories as per technical specification shown in Para (A) of Annexure.							
02	Please see Item Breakup for details.				29370.00	AT Par	29370.00	
	Description:- Supply of material and providing maintenance free earthing complete with all accessories as per technical specification shown in Para (B) of Annexure.							
03	Please see Item Breakup for details.				360.00	AT Par	360.00	
	Description:- Laying, testing and commissioning of cables in cable tray/air/ on wall/pole with suitable clamp/saddles as per technical specification shown in Para (C) of Annexure.							
04	Please see Item Breakup for details.				28350.00	AT Par	28350.00	
	Description:- Digging of cable trench for double cable 600 x 1000 mm. in RCC/PCC/hard soil & refilling as per technical specification shown in Para (D) of Annexure.							
05	Please see Item Breakup for details.				3000.00	AT Par	3000.00	
	Description:- Transportation, laying, installation, terminating, testing and commissioning of LT cable of sizes 4 core 10 sq. mm. to 4 core 300 sq. mm. in existing trench, pipe or on structure as per technical specification shown in Para (E) of Annexure.							
06	Please see Item Breakup for details.				5100.00	AT Par	5100.00	
	Description:- Supply and laying of half round RCC pipe 100 mm. ID & 1 mtr. length as per technical specification shown in Para (F) of Annexure							
07	Please see Item Breakup for details.				158.00	AT Par	158.00	
	Description:- Supply, installation, testing & commissioning of LT/HT cable route marker as per technical specification shown in Para (G) of Annexure.							
08	Please see Item Breakup for details.				146414.00	AT Par	146414.00	
	Description:- Supply, erection, testing and commissioning of submersible vertical pump set of 45 HP, 162 Mtr. Head and discharge 800 LPM complete with standard accessories like Sluice Valve, NRV, Supporting clamp with flange-2 nos. , heavy duty bend & Nipple-2 nos. etc. of suitable size. Pump shall be of Amrut model no. P-79 or equivalent model of Kirloskar, CG, Siemens, NGEF, Calama, KSB, Shriram, Lubi, KDS, Texmo, Shakti as per technical specification shown in Para (H) of Annexure.							
	Please see Item Breakup for details.				133104.00	AT Par	133104.00	

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09	Description:- Supply of submersible vertical pump set of 45 HP, 162 Mtr. Head and discharge 800 LPM complete with standard accessories like Sluice Valve, NRV, Supporting clamp with flange-2 nos. , heavy duty bend & Nipple-2 nos. etc. of suitable size. Pump shall be of Amrut model no. P-79 or equivalent model of Kirloskar, CG, Siemens, NGEF, Calama, KSB, Shriram, Lubi, KDS, Texmo, Shakti as per technical specification shown in Para (H) of Annexure.				
	Please see Item Breakup for details.	90337.00	AT Par	90337.00	
10	Description:- Supply, erection, testing and commissioning of submersible mono set pump set of 15HP, 40 Mtr. Head and discharge 1050 LPM complete with standard accessories like Sluice Valve, NRV, Supporting clamp with flange-2 nos., heavy duty bend & Nipple-2 nos etc. of suitable size. Pump shall be of Amrut model no. N3 APL 150 (Copper model) or equivalent model of Kirloskar, CG, Siemens, NGEF, Calama, KSB, Shriram, Lubi, KDS, Texmo, Shakti as per technical specification shown in Para (I) of Annexure				
	Please see Item Breakup for details.	82125.00	AT Par	82125.00	
11	Description:- Supply of submersible mono set pump set of 15HP, 40 Mtr. Head and discharge 1050 LPM complete with standard accessories like Sluice Valve, NRV, Supporting clamp with flange-2 nos., heavy duty bend & Nipple-2 nos. etc. of suitable size. Pump shall be of Amrut model no. N3 APL 150 (Copper model) or equivalent model of Kirloskar, CG, Siemens, NGEF, Calama, KSB, Shriram, Lubi, KDS, Texmo, Shakti as per technical specification shown in Para (I) of Annexure				
	Please see Item Breakup for details.	58538.00	AT Par	58538.00	
12	Description:- Supply, installation, testing and commissioning of Automatic Control panel [ATS] with one set extra contact kit as per technical specifications shown in Para (J) of Annexure.				
	Please see Item Breakup for details.	18731.00	AT Par	18731.00	
13	Description:- Supply, installation, testing and commissioning of Three Phase Submersible Pump Controller (FASD with WLC & SPPR) of 15 HP as per technical specification shown in Para (K) of Annexure				
	Please see Item Breakup for details.	17028.00	AT Par	17028.00	
14	Description:- Supply of Three Phase Submersible Pump Controller (FASD with WLC & SPPR) of 15 HP as per technical specification shown in Para (K) of Annexure				
	Please see Item Breakup for details.	35380.00	AT Par	35380.00	
15	Description:- Supply, installation, testing and commissioning of Heavy(C Class) 100 mm dia. MS pipe as per technical specification shown in Para (L) of Annexure.				
	Please see Item Breakup for details.	209400.00	AT Par	209400.00	
16	Description:- Supply, installation, testing and commissioning of 100 mm. dia. heavy UPVC column pipe as per technical specification shown in Para (M) of Annexure.				
	Please see Item Breakup for details.	11369.00	AT Par	11369.00	
17	Description:- Electrification of Pump house as per technical specification shown in Para (N) of Annexure.				

3. ITEM BREAKUP

Schedule	Schedule A-Schedule of Rates and quantities					
Item- 01	Supply, installation, testing and commissioning of Distribution Board Panel having 250 A MCCB FP as incoming and 2 Nos. 125A MCCB FP & 2 Nos. 32 Amp. MCB FP as outgoing with all associate accessories as per technical specification shown in Para (A) of Annexure.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	01(S)	Supply	Numbers	1.00	43126.00	43126.00
2	01 (E)	Erection	Numbers	1.00	3594.00	3594.00
					Total	46720.00
Item- 02	Supply of material and providing maintenance free earthing complete with all accessories as per technical specification shown in Para (B) of Annexure.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	02 (E)	Erection	Numbers	3.00	9790.00	29370.00
					Total	29370.00
Item- 03	Laying, testing and commissioning of cables in cable tray/air/ on wall/pole with suitable clamp/ saddles as per technical specification shown in Para (C) of Annexure.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	03 (E)	Erection	Metre	20.00	18.00	360.00

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						Total	360.00	
Item- 04	Digging of cable trench for double cable 600 x 1000 mm. in RCC/PCC/hard soil & refilling as per technical specification shown in Para (D) of Annexure.							
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount		
1	04 (E)	Erection	Metre	50.00	567.00	28350.00		
						Total	28350.00	
Item- 05	Transportation, laying, installation, terminating, testing and commissioning of LT cable of sizes 4 core 10 sq. mm. to 4 core 300 sq. mm. in existing trench, pipe or on structure as per technical specification shown in Para (E) of Annexure.							
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount		
1	05 (E)	Erection	Metre	100.00	30.00	3000.00		
						Total	3000.00	
Item- 06	Supply and laying of half round RCC pipe 100 mm. ID & 1 mtr. length as per technical specification shown in Para (F) of Annexure							
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount		
1	06 (E)	Erection	Metre	100.00	51.00	5100.00		
						Total	5100.00	
Item- 07	Supply, installation, testing & commissioning of LT/HT cable route marker as per technical specification shown in Para (G) of Annexure.							
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount		
1	07 (E)	Erection	Numbers	1.00	158.00	158.00		
						Total	158.00	
Item- 08	Supply, erection, testing and commissioning of submersible vertical pump set of 45 HP, 162 Mtr. Head and discharge 800 LPM complete with standard accessories like Sluice Valve, NRV, Supporting clamp with flange-2 nos. , heavy duty bend & Nipple-2 nos. etc. of suitable size. Pump shall be of Amrut model no. P-79 or equivalent model of Kirloskar, CG, Siemens, NGEF, Calama, KSB, Shriram, Lubi, KDS, Texmo, Shakti as per technical specification shown in Para (H) of Annexure.							
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount		
1	08(S)	Supply	Set	1.00	133104.00	133104.00		
2	08 (E)	Erection	Set	1.00	13310.00	13310.00		
						Total	146414.00	
Item- 09	Supply of submersible vertical pump set of 45 HP, 162 Mtr. Head and discharge 800 LPM complete with standard accessories like Sluice Valve, NRV, Supporting clamp with flange-2 nos. , heavy duty bend & Nipple-2 nos. etc. of suitable size. Pump shall be of Amrut model no. P-79 or equivalent model of Kirloskar, CG, Siemens, NGEF, Calama, KSB, Shriram, Lubi, KDS, Texmo, Shakti as per technical specification shown in Para (H) of Annexure.							
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount		
1	09(S)	Supply	Set	1.00	133104.00	133104.00		
						Total	133104.00	
Item- 10	Supply, erection, testing and commissioning of submersible mono set pump set of 15HP, 40 Mtr. Head and discharge 1050 LPM complete with standard accessories like Sluice Valve, NRV, Supporting clamp with flange-2 nos., heavy duty bend & Nipple-2 nos etc. of suitable size. Pump shall be of Amrut model no. N3 APL 150 (Copper model) or equivalent model of Kirloskar, CG, Siemens, NGEF, Calama, KSB, Shriram, Lubi, KDS, Texmo, Shakti as per technical specification shown in Para (I) of Annexure							
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount		
1	10(S)	Supply	Set	1.00	82125.00	82125.00		
2	10 (E)	Erection	Set	1.00	8212.00	8212.00		
						Total	90337.00	

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Item- 11	Supply of submersible mono set pump set of 15HP, 40 Mtr. Head and discharge 1050 LPM complete with standard accessories like Sluice Valve, NRV, Supporting clamp with flange-2 nos., heavy duty bend & Nipple-2 nos. etc. of suitable size. Pump shall be of Amrut model no. N3 APL 150 (Copper model) or equivalent model of Kirloskar, CG, Siemens, NGEF, Calama, KSB, Shriram, Lubi, KDS, Texmo, Shakti as per technical specification shown in Para (I) of Annexure					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	11(S)	Supply	Set	1.00	82125.00	82125.00
					Total	82125.00
Item- 12	Supply, installation, testing and commissioning of Automatic Control panel [ATS] with one set extra contact kit as per technical specifications shown in Para (J) of Annexure.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	12 (E)	Erection	Set	1.00	58538.00	58538.00
					Total	58538.00
Item- 13	Supply, installation, testing and commissioning of Three Phase Submersible Pump Controller (FASD with WLC & SPPR) of 15 HP as per technical specification shown in Para (K) of Annexure					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	13(S)	Supply	Set	1.00	17028.00	17028.00
2	13 (E)	Erection	Set	1.00	1703.00	1703.00
					Total	18731.00
Item- 14	Supply of Three Phase Submersible Pump Controller (FASD with WLC & SPPR) of 15 HP as per technical specification shown in Para (K) of Annexure					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	14(S)	Supply	Set	1.00	17028.00	17028.00
					Total	17028.00
Item- 15	Supply, installation, testing and commissioning of Heavy(C Class) 100 mm dia. MS pipe as per technical specification shown in Para (L) of Annexure.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	15(S)	Supply	Metre	20.00	1608.00	32160.00
2	15 (E)	Erection	Metre	20.00	161.00	3220.00
					Total	35380.00
Item- 16	Supply, installation, testing and commissioning of 100 mm. dia. heavy UPVC column pipe as per technical specification shown in Para (M) of Annexure.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	16(S)	Supply	Metre	150.00	1269.00	190350.00
2	16 (E)	Erection	Metre	150.00	127.00	19050.00
					Total	209400.00
Item- 17	Electrification of Pump house as per technical specification shown in Para (N) of Annexure.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	17.1	Supply of materials and provide open/surface wiring of light/fan point up to 6 meter with three numbers 1.5 mm. sq. multi strand, FRLS PVC insulated "ISI Marked" copper wires for phase, neutral & earth in "ISI Marked" medium class P.V.C. casing capping of white/cream. The rates of point wiring include providing PVC switchboard with 6 Amps. modular switch with flush mounted cover plate and heavy duty PVC round/square blocks, 3-point ceiling rose, angular base lamp holder etc. as per technical specification shown in Para (N) of Annexure. Note: Beyond 6 meter wiring additional payment will be done through NS item.	Numbers	5.00	371.00	1855.00

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2	17.2	Supply, fixing, testing and commissioning of 6A/5 pin Modular Socket with switch on existing board with complete accessories in open manner as per technical specification shown in Para (N) of Annexure.	Numbers	2.00	129.00	258.00
3	17.3	Supply, installation, testing and commissioning of 45 Watt LED street light fitting IP 66 complete with all associated accessories. The contractor shall provide the mounting arrangement for fittings as required at site and as per technical specification shown in Para (N) of Annexure.	Numbers	1.00	2423.00	2423.00
4	17.4	Supply, installation, testing and commissioning of 20W LED tube light fitting IP 20 complete with tube and all accessories. The contractor shall provide the mounting arrangement for fittings as required at site and as per technical specification shown in Para (N) of Annexure.	Numbers	1.00	316.00	316.00
5	17.5	Supply, installation, testing and commissioning of 16 Amp 30mA sensitivity RCBO DP with metal enclosure as per technical specification shown in Para (N) of Annexure.	Numbers	1.00	2603.00	2603.00
6	17.6	Supply of materials and wiring of main/sub main in open manner with 2.5 mm. sq. size multistrand FRLS PVC insulated ISI marked copper wire for phase, neutral & one number 1.5 sq. mm. copper wire for earth continuity with PVC casing capping/ pipe as per technical specification shown in Para (N) of Annexure.	Metre	10.00	111.00	1110.00
7	17.7	Supply, Installation, Testing and Commissioning of 400 mm sweep Wall mounted Fan as per technical specification shown in Para (N) of Annexure.	Numbers	1.00	2804.00	2804.00
					Total	11369.00

4. ELIGIBILITY CONDITIONS

Standard Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Tenderer has to submit attested copy of valid electrical contractors license as per IE rule 45, which can be in his own name or in the name of his firm.	No	No	Allowed (Mandatory)

Submission of Document Verification Certificate

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please submit a certificate in the prescribed format (please download the format from the link given below) for verification / confirmation of the documents submitted for compliance of eligibility / qualifying criteria. Non submission of the certificate, or submission of certificate either not properly filled in, or in a format other than the prescribed format shall lead to summary rejection of your offer. (Click here to download the Format of Self Certificatio)	No	No	Allowed (Mandatory)

5. COMPLIANCE

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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1	The intended tenderer shall get digital signature certificate and get registered with Rly. For new vendors, the procedure is described in Rly. Website www.ireps.gov.in. The tender shall be submitted in Rly website www.ireps.gov.in not later than stipulated time and date of tender closing. After closing of the tenders at stipulated time the tenders shall be opened on the same date. In case the date of tender opening happens to be holiday, the tender shall be opened on the next working day in the same manner.	No	No	Allowed (Optional)
1.1	The tenderer shall clearly specify whether the tender is submitted on his own (Proprietary Firm) or on behalf of a Partnership Firm / Company / Joint Venture (JV) / Registered Society /Registered Trust / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc. The tenderer(s) shall attached all documents pertains to status of firm i.e Partnership deed, Power of attorney, Resolution of Board of Director's etc. as applicable as per GCC.	No	No	Allowed (Optional)

Undertakings

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	I/ We have visited the works site and I / We am / are aware of the site conditions.	No	No	Not Allowed

6. Documents attached with tender

S.No.	Document Name	Document Description
1	GCC_April-2022.pdf	GCC 2022
2	GCCACS.pdf	ACS No 1 to GCC 22
3	AnnexureV.pdf	Annexure V
4	TermsandconditionofT_54_doc_Asarvawateringarrangementwithdrainage.pdf	Terms and condition
5	AnnexuretechnicalspecificationofT_54_doc_Asarvawateringarrangementwithdrainage.pdf	Annexure technical specification

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

Signed By: KALLARAM MEENA

Designation : Sr.DEETRD