

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

Tender No: EL-50-1-ADI-T-82-2022-23

Closing Date/Time: 09/03/2023 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-82-2022-23** Closing Date/Time 09/03/2023 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**

<b>Name of Work</b>	Electrical work in connection with providing electrical assets in new buildings and pending work of construction in Himatnagar-Ahmedabad Section under SSEE/HMT jurisdiction.		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	09/03/2023 15:00	<b>Date Time Of Uploading Tender</b>	08/02/2023 12:00
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	16163168.00	<b>Tendering Section</b>	WA
<b>Bidding Style</b>	Single Rate for Tender	<b>Bidding Unit</b>	Above/Below/Par
<b>Earnest Money (Rs.)</b>	230800.00	<b>Validity of Offer ( Days)</b>	60
<b>Tender Doc. Cost (Rs.)</b>	0.00	<b>Period of Completion</b>	12 Months
<b>Contract Type</b>	Works	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	23/02/2023	<b>Are Joint Venture (JV) firms allowed to bid</b>	No
<b>Ranking Order For Bids</b>	Lowest to Highest	<b>Expenditure Type</b>	Deposit Work

**2. SCHEDULE**

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule A</b> -Schedule of Rates ad quantities.							16163168.00	
01	Please see Item Breakup for details.				213830.00	AT Par	213830.00	
	<b>Description:-</b> Supply, fabrication, installation, testing & Commissioning of MDB consisting 1 No. 100A MCCB as Incoming and 2 Nos. 63A, MCB FP & 8 Nos. 32A MCB DP as outgoing with Ammeter & voltmeter and RYB LED indicator with all associate accessories as per technical specification shown in Para (A) of Annexure.							
02	Please see Item Breakup for details.				99434.00	AT Par	99434.00	
	<b>Description:-</b> Supply, fabrication, installation, testing & Commissioning of LT Panel having minimum capacity 200Amp rotary type phase selector switch, 3phase, 4wire, 415 volt AC, 125Amp MCCB FP as incoming & single phase 240 V 2 wire outgoing with 1No 125A DP MCCB as per technical specification shown in Para (B) of Annexure.							
03	Please see Item Breakup for details.				114926.00	AT Par	114926.00	
	<b>Description:-</b> Supply, installation, Testing & commissioning of 200Amp. Feeder pillar with all associate accessories as per technical specification shown in Para (C) of Annexure.							
04	Please see Item Breakup for details.				197184.00	AT Par	197184.00	
	<b>Description:-</b> Supply, fabrication, installation, testing & commissioning of MDB Switch board having 100 A MCCB FP as incoming & 2 Nos.63A MCB FP, 2 Nos.20Amp. MCB DP as outgoing with all associate accessories as per technical specification shown in Para (D) of Annexure.							
05	Please see Item Breakup for details.				1019016.00	AT Par	1019016.00	
	<b>Description:-</b> Supply, installation, testing & commissioning of Distribution board having 1 No. 32Amp. MCB DP as incoming and 2 Nos. 16Amp. 30 mA sensitivity RCBO DP as outgoing with all associate accessories as per technical specification shown in Para (E) of Annexure.							
06	Please see Item Breakup for details.				1339338.00	AT Par	1339338.00	
	<b>Description:-</b> Supply, installation, testing & commissioning of SDB Switch board having 63 MCCB FP as incoming & 9 Nos. 20Amp. 30 mA sensitivity RCBO DP as outgoing with all associate accessories as per technical specification shown in Para (F) of Annexure.							
07	Please see Item Breakup for details.				453600.00	AT Par	453600.00	
	<b>Description:-</b> Digging of cable trench 450 x 1000 mm. in RCC/PCC/hard soil. as per technical specification shown in Para (G) of Annexure.							
08	Please see Item Breakup for details.				532000.00	AT Par	532000.00	
	<b>Description:-</b> Digging of cable trench 450 x 1000 mm & refilling as per technical specification shown in Para (H) of Annexure.							
09	Please see Item Breakup for details.				114000.00	AT Par	114000.00	
	<b>Description:-</b> Digging of cable trench 650X1000 mm & refilling for double cable as per technical specification shown in Para (I) of Annexure.							

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

Tender No: EL-50-1-ADI-T-82-2022-23

Closing Date/Time: 09/03/2023 15:00

10	Please see Item Breakup for details.	318000.00	AT Par	318000.00
	<b>Description:-</b> Transportation, laying, installation, terminating, testing and commissioning of LT/HT 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 (J) of Annexure.			
11	Please see Item Breakup for details.	540600.00	AT Par	540600.00
	<b>Description:-</b> Supply and laying of half round RCC pipe 100 mm. ID & 1 mtr. length as per technical specification shown in Para (K) of Annexure.			
12	Please see Item Breakup for details.	39500.00	AT Par	39500.00
	<b>Description:-</b> Supply, installation, testing & commissioning of LT cable route marker as per technical specification shown in Para (L) of Annexure.			
13	Please see Item Breakup for details.	117250.00	AT Par	117250.00
	<b>Description:-</b> Supply, installation, testing & commissioning of HDPE Pipe 110 mm Nominal Dia, 6.2 mm thickness as per IS -4984-1995 as per technical specification shown in Para (M) of Annexure.			
14	Please see Item Breakup for details.	118250.00	AT Par	118250.00
	<b>Description:-</b> Digging of cable trench by pushing method under track/road and laying, testing and commissioning of cable with HDPE pipe as per technical specification shown in Para (N) of Annexure.			
15	Please see Item Breakup for details.	1431600.00	AT Par	1431600.00
	<b>Description:-</b> Supply, installation, testing and commissioning of Octagonal Gl. Pole-5 mtr. With foundation and all accessories as per technical specification shown in Para (O) of Annexure.			
16	Please see Item Breakup for details.	198000.00	AT Par	198000.00
	<b>Description:-</b> Supply, installation, testing and commissioning of Octagonal Gl. Pole-7 mtr. With Double side cross arm Foundation and all accessories as per technical specification shown in Para (P) of Annexure.			
17	Please see Item Breakup for details.	908625.00	AT Par	908625.00
	<b>Description:-</b> 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 (Q) of Annexure.			
18	Please see Item Breakup for details.	408100.00	AT Par	408100.00
	<b>Description:-</b> 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 (R) of Annexure. Note: Beyond 6 meter wiring additional payment will be done through NS item.			
19	Please see Item Breakup for details.	32250.00	AT Par	32250.00
	<b>Description:-</b> Supply, fixing, testing and commissioning of 6A/5 pin Socket with Modular switch on existing board complete with accessories in open manner as per technical specification shown in Para (R) of Annexure.			
20	Please see Item Breakup for details.	45375.00	AT Par	45375.00
	<b>Description:-</b> Supply, fixing, testing and commissioning of 06A/5 pin Socket and Modular switch on separate board complete with accessories in open manner as per technical specification shown in Para (R) of Annexure.			
21	Please see Item Breakup for details.	120600.00	AT Par	120600.00
	<b>Description:-</b> Supply, fixing, testing and commissioning of 16 Amps multi pin socket with modular switch on separate board complete with all accessories as per technical specification shown in Para (R) of Annexure.			
22	Please see Item Breakup for details.	66600.00	AT Par	66600.00
	<b>Description:-</b> Supply of materials and wiring of main/sub main in open manner with 6 mm. sq. size multistrand FRLS PVC insulated ISI marked copper wire for phase, neutral & one number 4 sq. mm. copper wire for earth continuity with PVC casing capping as per technical specification shown in Para (R) of Annexure.			
23	Please see Item Breakup for details.	863500.00	AT Par	863500.00
	<b>Description:-</b> Supply of materials and wiring of main/sub main in open manner with 4 mm. sq. size multistrand FRLS PVC insulated ISI marked copper wire for phase, neutral & one number 2.5 sq. mm. copper wire for earth continuity with PVC casing capping as per technical specification shown in Para (R) of Annexure.			
24	Please see Item Breakup for details.	388500.00	AT Par	388500.00
	<b>Description:-</b> 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 as per technical specification shown in Para (R) of Annexure.			
25	Please see Item Breakup for details.	6320.00	AT Par	6320.00

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

Tender No: EL-50-1-ADI-T-82-2022-23

Closing Date/Time: 09/03/2023 15:00

	<b>Description:-</b> Supply, installation, testing & commissioning of call bell and supply of material and carry out wiring of call bell point with Modular switch by 3 nos. 1.5 Sq. mm. FRLS PVC insulated copper conductor multi strand single core in PVC casing capping/ pipe and all accessories as per technical specification shown in Para (R) & (S) of Annexure.			
26	Please see Item Breakup for details.	710528.00	AT Par	710528.00
	<b>Description:-</b> Supply of 5 star rated 1200 mm BLDC ceiling Fan as per technical specification shown in Para (T) of Annexure.			
27	Please see Item Breakup for details.	102480.00	AT Par	102480.00
	<b>Description:-</b> Fixing, testing and commissioning of fan with supply, fixing, testing and commissioning of EME type Fan regulator as per technical specification shown in Para (T) of Annexure.			
28	Please see Item Breakup for details.	66050.00	AT Par	66050.00
	<b>Description:-</b> Supply, Installation, Testing and Commissioning of 300 mm sweep PVC Exhaust fan as per technical specification shown in Para (U) of Annexure			
29	Please see Item Breakup for details.	56320.00	AT Par	56320.00
	<b>Description:-</b> Supply, fixing, testing and commissioning of 400 mm sweep wall mounted bracket fan as per technical specification shown in Para (V) of Annexure			
30	Please see Item Breakup for details.	237000.00	AT Par	237000.00
	<b>Description:-</b> 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 (Q) of Annexure.			
31	Please see Item Breakup for details.	43248.00	AT Par	43248.00
	<b>Description:-</b> Supply, Installation, Testing and Commissioning of emergency led light as per technical specification shown in para (W) of Annexure			
32	Please see Item Breakup for details.	45000.00	AT Par	45000.00
	<b>Description:-</b> Supply, installation, testing & commissioning of 8 SWG G.I. earth Wire as per technical specification shown in Para (X) of Annexure.			
33	Please see Item Breakup for details.	341376.00	AT Par	341376.00
	<b>Description:-</b> Supply of materials and providing 50 mm dia. G.I. pipe earthing with B class GI pipe as per IS 3043- 1987as amended latest and as per drawing No. EL/ADI/51/2717/20 of Sr. DEE/G/ADI and as per technical specification shown in Para (Y) of Annexure.			
34	Please see Item Breakup for details.	27900.00	AT Par	27900.00
	<b>Description:-</b> Supply, installation, testing & commissioning of G.I. earth strip size 50X6 mm. as per technical specification shown in Para (Z) of Annexure.			
35	Please see Item Breakup for details.	429398.00	AT Par	429398.00
	<b>Description:-</b> Supply, installation, testing and commissioning of LED glow sign board (Size 26 inches x 26 inches) hanged/ fixed with the help of 25x3 mm M.S. angle as per technical specification shown in Para (AA) of Annexure			
36	Please see Item Breakup for details.	117320.00	AT Par	117320.00
	<b>Description:-</b> Supply, installation, testing & commissioning of submersible pump set mono block pump with starter to be installed in sump suitable for 240V single phase supply & 2.0 HP as per technical specification shown in Para (BB) of Annexure			
37	Please see Item Breakup for details.	132470.00	AT Par	132470.00
	<b>Description:-</b> Supply, erection, testing and commissioning of energy efficient 415V 3 phase supply submersible monoset pump set of 12.5 HP complete with all accessories (Copper model) having discharge 840 LPM at the head 40 Meter. Pump shall be of Amrut model no. N25 APL 125 (Copper model) or equivalent model of Kirloskar, CG, Siemens, NGEF, Calama, KSB, Shriram, Lubi, KDS, Texmo, Shakti as per technical specification shown in Para (CC) of Annexure			
38	Please see Item Breakup for details.	120428.00	AT Par	120428.00
	<b>Description:-</b> Supply of energy efficient 415V 3 phase supply submersible monoset pump set of 12.5 HP complete with all accessories (Copper model) having discharge 840 LPM at the head 40 Meter. Pump shall be of Amrut model no. N25 APL 125 (Copper model) or equivalent model of Kirloskar, CG, Siemens, NGEF, Calama, KSB, Shriram, Lubi, KDS, Texmo, Shakti as per technical specification shown in Para (CC) of Annexure			
39	Please see Item Breakup for details.	11872.00	AT Par	11872.00
	<b>Description:-</b> Supply and providing 40 mm dia. Heavy UPVC Column pipe as per technical specification shown in Para (DD) of Annexure			
40	Please see Item Breakup for details.	553350.00	AT Par	553350.00
	<b>Description:-</b> Supply and providing 50 mm dia. Heavy UPVC Column pipe as per technical specification shown in Para (EE) of Annexure			

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

Tender No: EL-50-1-ADI-T-82-2022-23

Closing Date/Time: 09/03/2023 15:00

41	Please see Item Breakup for details.	291968.00	AT Par	291968.00
	<b>Description:-</b> Supply, erection, testing and commissioning of energy efficient 415V 3 phase supply submersible vertical pump set of 15 HP complete with all accessories (Copper model) having discharge 200 LPM at the head 157 Meter. Pump shall be of Amrut model no. PS 510 (Copper model) or equivalent model of Kirloskar, CG, Siemens, NGEF, Calama, KSB, Shriram, Lubi, KDS, Texmo, Shakti as per technical specification shown in Para (FF) of Annexure			
42	Please see Item Breakup for details.	265424.00	AT Par	265424.00
	<b>Description:-</b> Supply of energy efficient 415V 3 phase supply submersible vertical pump set of 15 HP complete with all accessories (Copper model) having discharge 200 LPM at the head 157 Meter. Pump shall be of Amrut model no. PS 510 (Copper model) or equivalent model of Kirloskar, CG, Siemens, NGEF, Calama, KSB, Shriram, Lubi, KDS, Texmo, Shakti as per technical specification shown in Para (FF) of Annexure			
43	Please see Item Breakup for details.	215396.00	AT Par	215396.00
	<b>Description:-</b> Supply, installation, testing and commissioning of energy efficient 415V 3 phase supply submersible vertical pump set of 7.5 HP complete with all accessories (Copper model) having discharge 140 LPM at the head 159 Meter. Pump shall be of Amrut model no. PS 506 (Copper model) or equivalent model of Kirloskar, CG, Siemens, NGEF, Calama, KSB, Shriram, Lubi, KDS, Texmo, Shakti as per technical specification shown in Para (FF) of Annexure			
44	Please see Item Breakup for details.	195816.00	AT Par	195816.00
	<b>Description:-</b> Supply of energy efficient 415V 3 phase supply submersible vertical pump set of 7.5 HP complete with all accessories (Copper model) having discharge 140 LPM at the head 159 Meter. Pump shall be of Amrut model no. PS 506 (Copper model) or equivalent model of Kirloskar, CG, Siemens, NGEF, Calama, KSB, Shriram, Lubi, KDS, Texmo, Shakti as per technical specification shown in Para (FF) of Annexure			
45	Please see Item Breakup for details.	314104.00	AT Par	314104.00
	<b>Description:-</b> Supply, installation, testing and commissioning of Pump controller FASD heavy duty with inbuilt WLC of 20HP (Relay range 28Amp-42Amp) as per technical specification shown in Para (GG) of Annexure			
46	Please see Item Breakup for details.	142772.00	AT Par	142772.00
	<b>Description:-</b> Supply of Pump controller FASD heavy duty with inbuilt WLC of 20HP (Relay range 28Amp-42Amp) as per technical specification shown in Para (GG) of Annexure			
47	Please see Item Breakup for details.	112386.00	AT Par	112386.00
	<b>Description:-</b> Supply, installation, testing and commissioning of Pump controller FASD with inbuilt WLC of 15HP as per technical specification shown in Para (HH) of Annexure			
48	Please see Item Breakup for details.	51084.00	AT Par	51084.00
	<b>Description:-</b> Supply of Pump controller FASD with inbuilt WLC of 15 HP as per technical specification shown in Para (HH) of Annexure			
49	Please see Item Breakup for details.	43104.00	AT Par	43104.00
	<b>Description:-</b> Supply, installation, testing and commissioning of Pump controller DOL with inbuilt WLC of 7.5 HP as per technical specification shown in Para (II) of Annexure			
50	Please see Item Breakup for details.	19592.00	AT Par	19592.00
	<b>Description:-</b> Supply of Pump controller DOL with inbuilt WLC of 7.5 HP as per technical specification shown in Para (II) of Annexure.			
51	Please see Item Breakup for details.	13300.00	AT Par	13300.00
	<b>Description:-</b> Excavation of all kind of soil (except Rock) and filling back the excavated earth as per technical Specification shown in Para (JJ) of Anexure.			
52	Please see Item Breakup for details.	42950.00	AT Par	42950.00
	<b>Description:-</b> Excavation of Hard soil (Stone/Rock/RCC) and filling back the excavated earth as per technical specification Shown in Para (KK) of Annexure.			
53	Please see Item Breakup for details.	23990.00	AT Par	23990.00
	<b>Description:-</b> Supply, installation, testing & commissioning of straight through Jointing Kit of size 4 core 50 Sq. mm as per technical specification Shown in Para (LL) of Annexure.			
54	Please see Item Breakup for details.	31790.00	AT Par	31790.00
	<b>Description:-</b> Supply, installation, testing & commissioning of straight through Jointing Kit of size 4 core 95 Sq.mm. as per technical specification Shown in Para (LL) of Annexure.			
55	Please see Item Breakup for details.	515080.00	AT Par	515080.00
	<b>Description:-</b> Supply, installation, testing and commissioning of 240 Watt LED Flood 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 (Q) of Annexure.			
56	Please see Item Breakup for details.	7568.00	AT Par	7568.00

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

Tender No: EL-50-1-ADI-T-82-2022-23

Closing Date/Time: 09/03/2023 15:00

	<b>Description:-</b> Supply, erection, testing and commissioning of plug with socket 20 Amp. With 20 Amp. SP MCB (surface mounting) in plastic enclosure as per technical specification Shown in Para (MM) of Annexure..				
57	Please see Item Breakup for details.	381448.00	AT Par	381448.00	
	<b>Description:-</b> Supply, installation, testing and commissioning of 150 Ltr. capacity storage type S.S. body Water cooler with foundation as per technical specification Shown in Para (NN) of Annexure.				
58	Please see Item Breakup for details.	260730.00	AT Par	260730.00	
	<b>Description:-</b> Supply, installation, testing and commissioning of 120 watt highbay type LED light fitting complete with accessories. The contractor shall provide the mounting arrangement for fittings as required at site and as per technical specification shown in Para (Q) of Annexure.				
59	Please see Item Breakup for details.	7578.00	AT Par	7578.00	
	<b>Description:-</b> Supply of DCP Type fire extinguisher as per technical specification Shown in Para (OO) of Annexure.				
60	Please see Item Breakup for details.	3000.00	AT Par	3000.00	
	<b>Description:-</b> Supply, Installation, Testing and Commissioning of 30 Amp. Bakelite 3 Way Connector SHT Type as per technical specification Shown in Para (PP) of Annexure.				
61	Please see Item Breakup for details.	43960.00	AT Par	43960.00	
	<b>Description:-</b> Supply, Installation, Testing and Commissioning of Cable Junction Boxes IP 66 with integrated membranes / metric knockouts size 130 X 180 X 77 mm for 4 sq. mm. cable as per technical specification Shown in Para (QQ) of Annexure.				
62	Please see Item Breakup for details.	140170.00	AT Par	140170.00	
	<b>Description:-</b> Supply, installation, testing and commissioning of Auto controller with time switch and smart logic features timer with temperature based load for 3 Nos. Air conditioner as per technical specification shown in Para (RR) of Annexure.				
63	Please see Item Breakup for details.	358820.00	AT Par	358820.00	
	<b>Description:-</b> Supply, Installation, Testing and Commissioning of Corrosion proof LED fitting (Capsule type fitting) 2X(18/20) W LED tube fittings. The contractor shall provide the mounting arrangement for fittings as required at site and as per technical specification shown in Para (Q) of Annexure.				

**3. ITEM BREAKUP**

<b>Schedule</b>	Schedule A-Schedule of Rates ad quantities.					
<b>Item- 01</b>	Supply, fabrication, installation, testing & Commissioning of MDB consisting 1 No. 100A MCCB as Incoming and 2 Nos. 63A, MCB FP & 8 Nos. 32A MCB DP as outgoing with Ammeter & voltmeter and RYB LED indicator with all associate accessories as per technical specification shown in Para (A) of Annexure.					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	01(E)	Errection	Numbers	10.00	1645.00	16450.00
2	01(s)	supply	Numbers	10.00	19738.00	197380.00
					<b>Total</b>	<b>213830.00</b>
<b>Item- 02</b>	Supply, fabrication, installation, testing & Commissioning of LT Panel having minimum capacity 200Amp rotary type phase selector switch, 3phase, 4wire, 415 volt AC, 125Amp MCCB FP as incoming & single phase 240 V 2 wire outgoing with 1No 125A DP MCCB as per technical specification shown in Para (B) of Annexure.					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	02(E)	Errection	Numbers	2.00	734.00	1468.00
2	02(s)	supply	Numbers	2.00	48983.00	97966.00
					<b>Total</b>	<b>99434.00</b>
<b>Item- 03</b>	Supply, installation, Testing & commissioning of 200Amp. Feeder pillar with all associate accessories as per technical specification shown in Para (C) of Annexure.					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	03(E)	Errection	Numbers	7.00	1263.00	8841.00
2	03(s)	supply	Numbers	7.00	15155.00	106085.00
					<b>Total</b>	<b>114926.00</b>
<b>Item- 04</b>	Supply, fabrication, installation, testing & commissioning of MDB Switch board having 100 A MCCB FP as incoming & 2 Nos.63A MCB FP, 2 Nos.20Amp. MCB DP as outgoing with all associate accessories as per technical specification shown in Para (D) of Annexure.					

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

Tender No: EL-50-1-ADI-T-82-2022-23

Closing Date/Time: 09/03/2023 15:00

S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	04(E)	Errection	Numbers	12.00	1264.00	15168.00
2	04(s)	supply	Numbers	12.00	15168.00	182016.00
					<b>Total</b>	<b>197184.00</b>
<b>Item- 05</b>	Supply, installation, testing & commissioning of Distribution board having 1 No. 32Amp. MCB DP as incoming and 2 Nos. 16Amp. 30 mA sensitivity RCBO DP as outgoing with all associate accessories as per technical specification shown in Para (E) of Annexure.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	05(E)	Errection	Numbers	72.00	400.00	28800.00
2	05(s)	supply	Numbers	72.00	13753.00	990216.00
					<b>Total</b>	<b>1019016.00</b>
<b>Item- 06</b>	Supply, installation, testing & commissioning of SDB Switch board having 63 MCCB FP as incoming & 9 Nos. 20Amp. 30 mA sensitivity RCBO DP as outgoing with all associate accessories as per technical specification shown in Para (F) of Annexure.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	06(E)	Errection	Numbers	26.00	3963.00	103038.00
2	06(S)	Supply	Numbers	26.00	47550.00	1236300.00
					<b>Total</b>	<b>1339338.00</b>
<b>Item- 07</b>	Digging of cable trench 450 x 1000 mm. in RCC/PCC/hard soil. as per technical specification shown in Para (G) of Annexure.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	07(E)	Errection	Metre	1200.00	378.00	453600.00
					<b>Total</b>	<b>453600.00</b>
<b>Item- 08</b>	Digging of cable trench 450 x 1000 mm & refilling as per technical specification shown in Para (H) of Annexure.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	08(E)	Errection	Metre	7000.00	76.00	532000.00
					<b>Total</b>	<b>532000.00</b>
<b>Item- 09</b>	Digging of cable trench 650X1000 mm & refilling for double cable as per technical specification shown in Para (I) of Annexure.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	09(E)	Errection	Metre	1200.00	95.00	114000.00
					<b>Total</b>	<b>114000.00</b>
<b>Item- 10</b>	Transportation, laying, installation, terminating, testing and commissioning of LT/HT 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 (J) of Annexure.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	10(E)	Errection	Metre	10600.00	30.00	318000.00
					<b>Total</b>	<b>318000.00</b>
<b>Item- 11</b>	Supply and laying of half round RCC pipe 100 mm. ID & 1 mtr. length as per technical specification shown in Para (K) of Annexure.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	11(E)	Errection	Numbers	10600.00	51.00	540600.00
					<b>Total</b>	<b>540600.00</b>
<b>Item- 12</b>	Supply, installation, testing & commissioning of LT cable route marker as per technical specification shown in Para (L) of Annexure.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	12(E)	Errection	Numbers	250.00	158.00	39500.00

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

Tender No: EL-50-1-ADI-T-82-2022-23

Closing Date/Time: 09/03/2023 15:00

						<b>Total</b>	<b>39500.00</b>	
<b>Item- 13</b>	Supply, installation, testing & commissioning of HDPE Pipe 110 mm Nominal Dia, 6.2 mm thickness as per IS - 4984-1995 as per technical specification shown in Para (M) of Annexure.							
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>		
1	13(E)	Erection	Metre	250.00	469.00	117250.00		
						<b>Total</b>	<b>117250.00</b>	
<b>Item- 14</b>	Digging of cable trench by pushing method under track/road and laying, testing and commissioning of cable with HDPE pipe as per technical specification shown in Para (N) of Annexure.							
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>		
1	14(E)	Errection	Metre	250.00	473.00	118250.00		
						<b>Total</b>	<b>118250.00</b>	
<b>Item- 15</b>	Supply, installation, testing and commissioning of Octagonal Gl. Pole-5 mtr. With foundation and all accessories as per technical specification shown in Para (O) of Annexure.							
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>		
1	15(E)	Errection	Numbers	120.00	11930.00	1431600.00		
						<b>Total</b>	<b>1431600.00</b>	
<b>Item- 16</b>	Supply, installation, testing and commissioning of Octagonal Gl. Pole-7 mtr. With Double side cross arm Foundation and all accessories as per technical specification shown in Para (P) of Annexure.							
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>		
1	16(E)	Errection	Numbers	15.00	1200.00	18000.00		
2	16(s)	supply	Numbers	15.00	12000.00	180000.00		
						<b>Total</b>	<b>198000.00</b>	
<b>Item- 17</b>	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 (Q) of Annexure.							
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>		
1	17(E)	Errection	Numbers	375.00	220.00	82500.00		
2	17(s)	supply	Numbers	375.00	2203.00	826125.00		
						<b>Total</b>	<b>908625.00</b>	
<b>Item- 18</b>	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 (R) of Annexure. Note: Beyond 6 meter wiring additional payment will be done through NS item.							
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>		
1	18(E)	Errection	Numbers	1100.00	371.00	408100.00		
						<b>Total</b>	<b>408100.00</b>	
<b>Item- 19</b>	Supply, fixing, testing and commissioning of 6A/5 pin Socket with Modular switch on existing board complete with accessories in open manner as per technical specification shown in Para (R) of Annexure.							
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>		
1	19(E)	Errection	Numbers	250.00	129.00	32250.00		
						<b>Total</b>	<b>32250.00</b>	
<b>Item- 20</b>	Supply, fixing, testing and commissioning of 06A/5 pin Socket and Modular switch on separate board complete with accessories in open manner as per technical specification shown in Para (R) of Annexure.							
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>		
1	20(E)	Errection	Numbers	125.00	363.00	45375.00		
						<b>Total</b>	<b>45375.00</b>	

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

Tender No: EL-50-1-ADI-T-82-2022-23

Closing Date/Time: 09/03/2023 15:00

<b>Item- 21</b>	Supply, fixing, testing and commissioning of 16 Amps multi pin socket with modular switch on separate board complete with all accessories as per technical specification shown in Para (R) of Annexure.					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	21(E)	Errection	Numbers	225.00	536.00	120600.00
					<b>Total</b>	<b>120600.00</b>
<b>Item- 22</b>	Supply of materials and wiring of main/sub main in open manner with 6 mm. sq. size multistrand FRLS PVC insulated ISI marked copper wire for phase, neutral & one number 4 sq. mm. copper wire for earth continuity with PVC casing capping as per technical specification shown in Para (R) of Annexure.					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	22(E)	Errection	Metre	300.00	222.00	66600.00
					<b>Total</b>	<b>66600.00</b>
<b>Item- 23</b>	Supply of materials and wiring of main/sub main in open manner with 4 mm. sq. size multistrand FRLS PVC insulated ISI marked copper wire for phase, neutral & one number 2.5 sq. mm. copper wire for earth continuity with PVC casing capping as per technical specification shown in Para (R) of Annexure.					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	23(E)	Errection	Metre	5500.00	157.00	863500.00
					<b>Total</b>	<b>863500.00</b>
<b>Item- 24</b>	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 as per technical specification shown in Para (R) of Annexure.					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	24(E)	Errection	Metre	3500.00	111.00	388500.00
					<b>Total</b>	<b>388500.00</b>
<b>Item- 25</b>	Supply, installation, testing & commissioning of call bell and supply of material and carry out wiring of call bell point with Modular switch by 3 nos. 1.5 Sq. mm. FRLS PVC insulated copper conductor multi strand single core in PVC casing capping/ pipe and all accessories as per technical specification shown in Para (R) & (S) of Annexure.					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	25(E)	Errection	Numbers	10.00	632.00	6320.00
					<b>Total</b>	<b>6320.00</b>
<b>Item- 26</b>	Supply of 5 star rated 1200 mm BLDC ceiling Fan as per technical specification shown in Para (T) of Annexure.					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	26(s)	supply	Numbers	244.00	2912.00	710528.00
					<b>Total</b>	<b>710528.00</b>
<b>Item- 27</b>	Fixing, testing and commissioning of fan with supply, fixing, testing and commissioning of EME type Fan regulator as per technical specification shown in Para (T) of Annexure.					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	27(E)	Errection	Numbers	244.00	420.00	102480.00
					<b>Total</b>	<b>102480.00</b>
<b>Item- 28</b>	Supply, Installation, Testing and Commissioning of 300 mm sweep PVC Exhaust fan as per technical specification shown in Para (U) of Annexure					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	28(E)	Errection	Numbers	50.00	120.00	6000.00
2	28(s)	Supply	Numbers	50.00	1201.00	60050.00
					<b>Total</b>	<b>66050.00</b>
<b>Item- 29</b>	Supply, fixing, testing and commissioning of 400 mm sweep wall mounted bracket fan as per technical specification shown in Para (V) of Annexure					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>



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

Tender No: EL-50-1-ADI-T-82-2022-23

Closing Date/Time: 09/03/2023 15:00

1	29(S)	Supply	Numbers	16.00	3200.00	51200.00
2	29(E)	Errection	Numbers	16.00	320.00	5120.00
					<b>Total</b>	<b>56320.00</b>
<b>Item- 30</b>	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 (Q) of Annexure.					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	30(S)	Supply	Numbers	750.00	287.00	215250.00
2	30(E)	Errection	Numbers	750.00	29.00	21750.00
					<b>Total</b>	<b>237000.00</b>
<b>Item- 31</b>	Supply, Installation, Testing and Commissioning of emergency led light as per technical specification shown in para (W) of Annexure					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	31(E)	Errection	Numbers	16.00	2703.00	43248.00
					<b>Total</b>	<b>43248.00</b>
<b>Item- 32</b>	Supply, installation, testing & commissioning of 8 SWG G.I. earth Wire as per technical specification shown in Para (X) of Annexure.					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	32(E)	Errection	Metre	2500.00	18.00	45000.00
					<b>Total</b>	<b>45000.00</b>
<b>Item- 33</b>	Supply of materials and providing 50 mm dia. G.I. pipe earthing with B class GI pipe as per IS 3043- 1987as amended latest and as per drawing No. EL/ADI/51/2717/20 of Sr. DEE/G/ADI and as per technical specification shown in Para (Y) of Annexure.					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	33(E)	Errection	Numbers	96.00	800.00	76800.00
2	33(S)	Supply	Numbers	96.00	2756.00	264576.00
					<b>Total</b>	<b>341376.00</b>
<b>Item- 34</b>	Supply, installation, testing & commissioning of G.I. earth strip size 50X6 mm. as per technical specification shown in Para (Z) of Annexure.					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	34(E)	Errection	Metre	300.00	93.00	27900.00
					<b>Total</b>	<b>27900.00</b>
<b>Item- 35</b>	Supply, installation, testing and commissioning of LED glow sign board (Size 26 inches x 26 inches) hanged/ fixed with the help of 25x3 mm M.S. angle as per technical specification shown in Para (AA) of Annexure					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	35(S)	Supply	Numbers	86.00	4085.00	351310.00
2	35(E)	Errection	Numbers	86.00	908.00	78088.00
					<b>Total</b>	<b>429398.00</b>
<b>Item- 36</b>	Supply, installation, testing & commissioning of submersible pump set mono block pump with starter to be installed in sump suitable for 240V single phase supply & 2.0 HP as per technical specification shown in Para (BB ) of Annexure					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	36(E)	Errection	Numbers	10.00	889.00	8890.00
2	36(S)	Supply	Numbers	10.00	10843.00	108430.00
					<b>Total</b>	<b>117320.00</b>
<b>Item- 37</b>	Supply, erection, testing and commissioning of energy efficient 415V 3 phase supply submersible monoset pump set of 12.5 HP complete with all accessories (Copper model) having discharge 840 LPM at the head 40 Meter. Pump shall be of Amrut model no. N25 APL 125 (Copper model) or equivalent model of Kirloskar, CG, Siemens, NGEF, Calama, KSB, Shriram, Lubi, KDS, Texmo, Shakti as per technical specification shown in Para (CC) of Annexure					

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

Tender No: EL-50-1-ADI-T-82-2022-23

Closing Date/Time: 09/03/2023 15:00

S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	37(E)	Errection	Numbers	2.00	6021.00	12042.00
2	37(S)	Supply	Numbers	2.00	60214.00	120428.00
					<b>Total</b>	<b>132470.00</b>
<b>Item- 38</b>	Supply of energy efficient 415V 3 phase supply submersible monoset pump set of 12.5 HP complete with all accessories (Copper model) having discharge 840 LPM at the head 40 Meter. Pump shall be of Amrut model no. N25 APL 125 (Copper model) or equivalent model of Kirloskar, CG, Siemens, NGEF, Calama, KSB, Shriram, Lubi, KDS, Texmo, Shakti as per technical specification shown in Para (CC) of Annexure					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	38(S)	Supply	Numbers	2.00	60214.00	120428.00
					<b>Total</b>	<b>120428.00</b>
<b>Item- 39</b>	Supply and providing 40 mm dia. Heavy UPVC Column pipe as per technical specification shown in Para (DD) of Annexure					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	39(E)	Errection	Metre	32.00	34.00	1088.00
2	39(S)	Supply	Metre	32.00	337.00	10784.00
					<b>Total</b>	<b>11872.00</b>
<b>Item- 40</b>	Supply and providing 50 mm dia. Heavy UPVC Column pipe as per technical specification shown in Para (EE) of Annexure					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	40(E)	Errection	Metre	1050.00	48.00	50400.00
2	40(S)	Supply	Metre	1050.00	479.00	502950.00
					<b>Total</b>	<b>553350.00</b>
<b>Item- 41</b>	Supply, erection, testing and commissioning of energy efficient 415V 3 phase supply submersible vertical pump set of 15 HP complete with all accessories (Copper model) having discharge 200 LPM at the head 157 Meter. Pump shall be of Amrut model no. PS 510 (Copper model) or equivalent model of Kirloskar, CG, Siemens, NGEF, Calama, KSB, Shriram, Lubi, KDS, Texmo, Shakti as per technical specification shown in Para (FF) of Annexure					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	41(E)	Errection	Numbers	4.00	6636.00	26544.00
2	41(S)	Supply	Numbers	4.00	66356.00	265424.00
					<b>Total</b>	<b>291968.00</b>
<b>Item- 42</b>	Supply of energy efficient 415V 3 phase supply submersible vertical pump set of 15 HP complete with all accessories (Copper model) having discharge 200 LPM at the head 157 Meter. Pump shall be of Amrut model no. PS 510 (Copper model) or equivalent model of Kirloskar, CG, Siemens, NGEF, Calama, KSB, Shriram, Lubi, KDS, Texmo, Shakti as per technical specification shown in Para (FF) of Annexure					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	42(S)	Supply	Numbers	4.00	66356.00	265424.00
					<b>Total</b>	<b>265424.00</b>
<b>Item- 43</b>	Supply, installation, testing and commissioning of energy efficient 415V 3 phase supply submersible vertical pump set of 7.5 HP complete with all accessories (Copper model) having discharge 140 LPM at the head 159 Meter. Pump shall be of Amrut model no. PS 506 (Copper model) or equivalent model of Kirloskar, CG, Siemens, NGEF, Calama, KSB, Shriram, Lubi, KDS, Texmo, Shakti as per technical specification shown in Para (FF) of Annexure					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	43(E)	Errection	Numbers	4.00	4895.00	19580.00
2	43(S)	Supply	Numbers	4.00	48954.00	195816.00
					<b>Total</b>	<b>215396.00</b>

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

Tender No: EL-50-1-ADI-T-82-2022-23

Closing Date/Time: 09/03/2023 15:00

<b>Item- 44</b>	Supply of energy efficient 415V 3 phase supply submersible vertical pump set of 7.5 HP complete with all accessories (Copper model) having discharge 140 LPM at the head 159 Meter. Pump shall be of Amrut model no. PS 506 (Copper model) or equivalent model of Kirloskar, CG, Siemens, NGEF, Calama, KSB, Shriram, Lubi, KDS, Texmo, Shakti as per technical specification shown in Para (FF) of Annexure					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	44(S)	Supply	Numbers	4.00	48954.00	195816.00
					<b>Total</b>	<b>195816.00</b>
<b>Item- 45</b>	Supply, installation, testing and commissioning of Pump controller FASD heavy duty with inbuilt WLC of 20HP (Relay range 28Amp-42Amp) as per technical specification shown in Para (GG) of Annexure					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	45(E)	Errection	Numbers	14.00	2040.00	28560.00
2	45(S)	Supply	Numbers	14.00	20396.00	285544.00
					<b>Total</b>	<b>314104.00</b>
<b>Item- 46</b>	Supply of Pump controller FASD heavy duty with inbuilt WLC of 20HP (Relay range 28Amp-42Amp) as per technical specification shown in Para (GG) of Annexure					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	46(S)	Supply	Numbers	7.00	20396.00	142772.00
					<b>Total</b>	<b>142772.00</b>
<b>Item- 47</b>	Supply, installation, testing and commissioning of Pump controller FASD with inbuilt WLC of 15HP as per technical specification shown in Para (HH) of Annexure					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	47(E)	Errection	Numbers	6.00	1703.00	10218.00
2	47(S)	Supply	Numbers	6.00	17028.00	102168.00
					<b>Total</b>	<b>112386.00</b>
<b>Item- 48</b>	Supply of Pump controller FASD with inbuilt WLC of 15 HP as per technical specification shown in Para (HH) of Annexure					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	48(S)	Supply	Numbers	3.00	17028.00	51084.00
					<b>Total</b>	<b>51084.00</b>
<b>Item- 49</b>	Supply, installation, testing and commissioning of Pump controller DOL with inbuilt WLC of 7.5 HP as per technical specification shown in Para (II) of Annexure					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	49(E)	Errection	Numbers	4.00	980.00	3920.00
2	49(S)	Supply	Numbers	4.00	9796.00	39184.00
					<b>Total</b>	<b>43104.00</b>
<b>Item- 50</b>	Supply of Pump controller DOL with inbuilt WLC of 7.5 HP as per technical specification shown in Para (II) of Annexure.					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	50(S)	Supply	Numbers	2.00	9796.00	19592.00
					<b>Total</b>	<b>19592.00</b>
<b>Item- 51</b>	Excavation of all kind of soil (except Rock) and filling back the excavated earth as per technical Specification shown in Para (JJ) of Anexure.					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	51(E)	Errection	cum	100.00	133.00	13300.00
					<b>Total</b>	<b>13300.00</b>
<b>Item- 52</b>	Excavation of Hard soil (Stone/Rock/RCC) and filling back the excavated earth as per technical specification Shown in Para (KK) of Annexure.					

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

Tender No: EL-50-1-ADI-T-82-2022-23

Closing Date/Time: 09/03/2023 15:00

S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	52(E)	Errection	cum	50.00	859.00	42950.00
					<b>Total</b>	<b>42950.00</b>
<b>Item- 53</b>	Supply, installation, testing & commissioning of straight through Jointing Kit of size 4 core 50 Sq. mm as per technical specification Shown in Para (LL) of Annexure.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	53(E)	Errection	Numbers	10.00	218.00	2180.00
2	53(S)	Supply	Numbers	10.00	2181.00	21810.00
					<b>Total</b>	<b>23990.00</b>
<b>Item- 54</b>	Supply, installation, testing & commissioning of straight through Jointing Kit of size 4 core 95 Sq.mm. as per technical specification Shown in Para (LL) of Annexure.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	54(E)	Errection	Numbers	10.00	289.00	2890.00
2	54(S)	Supply	Numbers	10.00	2890.00	28900.00
					<b>Total</b>	<b>31790.00</b>
<b>Item- 55</b>	Supply, installation, testing and commissioning of 240 Watt LED Flood 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 (Q) of Annexure.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	55(E)	Errection	Numbers	40.00	1171.00	46840.00
2	55(S)	Supply	Numbers	40.00	11706.00	468240.00
					<b>Total</b>	<b>515080.00</b>
<b>Item- 56</b>	Supply, erection, testing and commissioning of plug with socket 20 Amp. With 20 Amp. SP MCB (surface mounting) in plastic enclosure as per technical specification Shown in Para (MM) of Annexure..					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	56(E)	Errection	Numbers	16.00	473.00	7568.00
					<b>Total</b>	<b>7568.00</b>
<b>Item- 57</b>	Supply, installation, testing and commissioning of 150 Ltr. capacity storage type S.S. body Water cooler with foundation as per technical specification Shown in Para (NN) of Annexure.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	57(E)	Errection	Numbers	8.00	47681.00	381448.00
					<b>Total</b>	<b>381448.00</b>
<b>Item- 58</b>	Supply, installation, testing and commissioning of 120 watt highbay type LED light fitting complete with accessories. The contractor shall provide the mounting arrangement for fittings as required at site and as per technical specification shown in Para (Q) of Annexure.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	58(E)	Errection	Numbers	30.00	790.00	23700.00
2	58(S)	Supply	Numbers	30.00	7901.00	237030.00
					<b>Total</b>	<b>260730.00</b>
<b>Item- 59</b>	Supply of DCP Type fire extinguisher as per technical specification Shown in Para (OO) of Annexure.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	59(S)	Supply	Numbers	6.00	1263.00	7578.00
					<b>Total</b>	<b>7578.00</b>
<b>Item- 60</b>	Supply, Installation, Testing and Commissioning of 30 Amp. Bakelite 3 Way Connector SHT Type as per technical specification Shown in Para (PP) of Annexure.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	60(E)	Erection	Numbers	75.00	4.00	300.00

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

Tender No: EL-50-1-ADI-T-82-2022-23

Closing Date/Time: 09/03/2023 15:00

2	60(S)	Supply	Numbers	75.00	36.00	2700.00
					<b>Total</b>	<b>3000.00</b>
<b>Item- 61</b>	Supply, Installation, Testing and Commissioning of Cable Junction Boxes IP 66 with integrated membranes / metric knockouts size 130 X 180 X 77 mm for 4 sq. mm. cable as per technical specification Shown in Para (QQ) of Annexure.					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	61(E)	Erection	Numbers	40.00	100.00	4000.00
2	61(S)	Supply	Numbers	40.00	999.00	39960.00
					<b>Total</b>	<b>43960.00</b>
<b>Item- 62</b>	Supply, installation, testing and commissioning of Auto controller with time switch and smart logic features timer with temperature based load for 3 Nos. Air conditioner as per technical specification shown in Para (RR) of Annexure.					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	62(E)	Erection	Numbers	5.00	409.00	2045.00
2	62(S)	Supply	Numbers	5.00	27625.00	138125.00
					<b>Total</b>	<b>140170.00</b>
<b>Item- 63</b>	Supply, Installation, Testing and Commissioning of Corrosion proof LED fitting (Capsule type fitting) 2X(18/20) W LED tube fittings. The contractor shall provide the mounting arrangement for fittings as required at site and as per technical specification shown in Para (Q) of Annexure.					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	63(E)	Erection	Numbers	110.00	238.00	26180.00
2	63(S)	Supply	Numbers	110.00	3024.00	332640.00
					<b>Total</b>	<b>358820.00</b>

**4. ELIGIBILITY CONDITIONS**

**Special Technical Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Similar work shall mean by "Electrification/Rewiring of any Major Station/Building/Project/Yard etc."	No	No	Allowed (Mandatory)

**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)

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

Tender No: EL-50-1-ADI-T-82-2022-23

Closing Date/Time: 09/03/2023 15:00

1.1	<p>Technical Eligibility Criteria: (a)The tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (i)Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, OR (ii) Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, OR (iii)One similar work costing not less than the amount equal to 60% of advertised value of the tender. (b) (1) In case of tenders for composite works (e.g. works involving more than one distinct component, such as Civil Engineering works, S&amp;T works, Electrical works, OHE works etc. and in the case of major bridges - substructure, superstructure etc.), tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (i) Three similar works each costing not less than the amount equal to 30% of advertised value of each component of tender, OR (ii) Two similar works each costing not less than the amount equal to 40% of advertised value of each component of tender, OR (iii) One similar work each costing not less than the amount equal to 60% of advertised value of each component of tender. Note for (b)(1): Separate completed works of minimum required values shall also be considered for fulfillment of technical eligibility criteria for different components. (b) (2) In such cases, what constitutes a component in a composite work shall be clearly predefined with estimated tender cost of it, as part of the tender documents without any ambiguity. (b) (3) To evaluate the technical eligibility of tenderer, only components of work as stipulated in tender documents for evaluation of technical eligibility, shall be considered. The scope of work covered in other remaining components shall be either executed by tenderer himself if he has work experience as mentioned in clause 7 of the Standard General Conditions of Contractor through subcontractor fulfilling the requirements as per clause 7 of the Standard General Conditions of Contract or jointly i.e., partly himself and remaining through subcontractor, with prior approval of Chief Engineer in writing. However, if required in tender documents by way of Special Conditions, a formal agreement duly notarized, legally enforceable in the court of law, shall be executed by the main contractor with the subcontractor for the component(s) of work proposed to be executed by the subcontractor(s), and shall be submitted along with the offer for considering subletting of that scope of work towards fulfilment of technical eligibility. Such subcontractor must fulfill technical eligibility criteria as follows. The subcontractor shall have successfully completed at least one work similar to work proposed for subcontract, costing not less than 35% value of work to be subletted, in last 5 years, ending last day of month previous to the one in which tender is invited through a works contract.</p>	No	No	Allowed (Mandatory)
1.1.1	<p>Note: for subletting of work costing up to Rs 50 lakh, no previous work experience of subcontractor shall be asked for by the Railway. In case after award of contract or during execution of work it becomes necessary for contractor to change subcontractor, the same shall be done with subcontractor(s) fulfilling the requirements as per clause 7 of Part-II of SGCC, with prior approval of Chief Engineer in writing. Note for Item (a) &amp; (b): Work experience certificate from private individual shall not be considered. However, in addition to work experience certificates issued by any Govt. Organisation, work experience certificate issued by Public listed company having average annual turnover of Rs 500 crore and above in last 3 financial years excluding the current financial year, listed on National Stock Exchange or Bombay Stock Exchange, incorporated/registered at least 5 years prior to the date of closing of tender, shall also be considered provided the work experience certificate has been issued by a person authorized by the Public listed company to issue such certificates. In case tenderer submits work experience certificate issued by public listed company, the tenderer shall also submit along with work experience certificate, the relevant copy of work order, bill of quantities, bill wise details of payment received duly certified by Chartered Accountant, TDS certificates for all payments received and copy of final/last bill paid by company in support of above work experience certificate.</p>	No	No	Allowed (Mandatory)

**Submission of Document Verification Certificate**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	<p>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. ( <a href="#">Click here</a> to download the Format of Self Certificatio)</p>	No	No	Allowed (Mandatory)

**Standard Financial Criteria**

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

Tender No: EL-50-1-ADI-T-82-2022-23

Closing Date/Time: 09/03/2023 15:00

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Financial Eligibility Criteria: The tenderer must have minimum average annual contractual turnover of V/N or 'V' whichever is less; where V= Advertised value of the tender in crores of Rupees. N= Number of years prescribed for completion of work for which bids have been invited. The average annual contractual turnover shall be calculated as an average of "total contractual payments" in the previous three financial years, as per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/ audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover. The tenderers shall submit requisite information as per Annexure-VIB of Indian Railways Standard General Conditions of Contract, GCC - April 2022, along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance Sheet.	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
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	ACS-1toGCC-2022.pdf	ACS 01 to GCC 2022
3	ACS-2toGCC-2022.pdf	ACS 02 to GCC 2022
4	ANNEXURE-VANDANNEXURE-VAREVISED_FORMAT.pdf	Revised format of Annex V and VA
5	AnnexureVIB.pdf	Annexure VIB
6	TermsandconditionofT_82_doc_HMTpendingwork.pdf	Terms and condition
7	AnnexuretechnicalspecificationofT_82_doc_HMTpendingwork.pdf	Annexure technical specification

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by

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

**Tender No:** EL-50-1-ADI-T-82-2022-23

**Closing Date/Time:** 09/03/2023 15:00

---

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:** KUMAR SAMBHAV PORWAL

**Designation :** Sr.DEEADI