

VADODARA DIVISION-ELECTRICAL/WESTERN RLY TENDER DOCUMENT

Tender No: BRC-EL-P-06-2482-26-27

Closing Date/Time: 17/06/2026 15:00

Sr.DEE/POWER acting for and on behalf of The President of India invites E-Tenders against Tender No **BRC-EL-P-06-2482-26-27** Closing Date/Time 17/06/2026 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	Vadodara Division: Electrical works in connection with provision of new High Level platform, extension of UP platform and other passenger amenities at Utran station.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	17/06/2026 15:00	Date Time Of Uploading Tender	22/05/2026 15:27
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	11267561.00	Tendering Section	ELEC POWER
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	225400.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	0.00	Period of Completion	6 Months
Contract Type	Works - General	Contract Category	Expenditure
Bidding Start Date	03/06/2026		
Are JV allowed to bid	No	Number of JV Member Allowed	0
Are Consortium allowed to bid	No	Number of Consortium Member Allowed	0
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- Electrical Works							5668206.00	Above/ Below/Par
1	1	150.00	Numbers	408.00	61200.00	AT Par	61200.00	
	Description:- Wiring of light/fan/exhaust fan points in concealed manner with modular accessories - The price shall cover for concealed wiring of light/fan/exhaust fan point with 1.5 sq. mm PVC insulated, unsheathed, multi-stranded, FRLS copper conductor of 1100 Volt grade, ISI marked, conforming to IS: 694/1990 with 1.0 sq. mm PVC insulated, unsheathed, multi-stranded, FRLS copper conductor of 1100 Volt grade, ISI marked, conforming to IS: 694/1990 as earthing wire with all accessories in concealed type of wiring in medium grade PVC conduit and accessories of Precision/Modi/Prestoplast/Gerard make. The accessories shall be of modular type of C&S/MK/North West/L&T/Crabtree/Siemens/Anchor/Legrand/Havells/Luminous make.							
2	2	30.00	Numbers	97.00	2910.00	AT Par	2910.00	
	Description:- Providing plug point 6 Amp in concealed manner on existing board with modular accessories - The price shall cover for providing plug point with modular type universal socket and switch, 6 Amp, 230 Volt, AC on existing board in concealed manner. The accessories shall be of modular type of C&S/ MK/North West/L&T/Crabtree/Siemens/Anchor/Legrand/Havells/Luminous make.							
3	3	30.00	Numbers	335.00	10050.00	AT Par	10050.00	
	Description:- Providing plug point, 6 Amp in concealed manner on separate board with modular accessories - The price shall cover for providing plug point board with modular type universal socket and switch, 6 Amp, 230 Volt, AC with modular accessories. The accessories shall be of modular type of C&S/MK/ North West/L&T/Crabtree/Siemens/Anchor/Legrand/Havells/Luminous make. The price shall also cover for concealed wiring of sub-main with 1.5 sq. mm, PVC insulated, unsheathed, multi-stranded, FRLS copper conductor of 1100 Volt grade, ISI marked, conforming to IS: 694/1990 with 1.0 sq. mm, PVC insulated, unsheathed, multi-stranded, FRLS copper conductor of 1100 Volt grade, ISI marked, conforming to IS: 694/1990 as earthing wire with all accessories in concealed type of wiring in medium grade PVC conduit and accessories of Precision/Modi/Prestoplast/Gerard make.							
4	4	70.00	Numbers	446.00	31220.00	AT Par	31220.00	
	Description:- Providing plug point 16 Amp in concealed manner on separate board with modular accessories - The price shall cover for providing power plug point with modular type universal socket and switch, 16 Amp, 230 Volt, AC on separate board with modular accessories in concealed manner. The accessories shall be of modular type of C&S/MK/North West/L&T/Crabtree/Siemens/Anchor/Legrand/ Havells/Luminous make. The price shall also cover for concealed wiring of plug point with 2.5 sq. mm, PVC insulated, unsheathed, multi-stranded, FRLS copper conductor of 1100 Volt grade, ISI marked, conforming to IS: 694/1990 with 1.5 sq. mm, PVC insulated, unsheathed, multi-stranded, FRLS copper conductor of 1100 Volt grade, ISI marked, conforming to IS: 694/1990 as earthing wire with all accessories in concealed type of wiring in medium grade PVC conduit and accessories of Precision/Modi/Prestoplast/Gerard make.							
5	5	10.00	Numbers	237.00	2370.00	AT Par	2370.00	
	Description:- Providing board with two switches and two socket, 6 Amps in concealed manner with modular accessories - The price shall cover for providing multi-plug point board (switch, 6 Amp - 2 Nos and universal socket, 6 Amp - 2 Nos) with modular type universal five-pin socket and switch, 6 Amp, 230 Volt, AC with modular accessories in concealed manner. The accessories shall be of modular type of C&S/ MK/North West/L&T/Crabtree/Siemens/Anchor/Legrand/Havells/Luminous make. The price shall also cover for concealed wiring of board with 1.5 sq. mm, PVC insulated, unsheathed, multi-stranded, FRLS copper conductor of 1100 Volt grade, ISI marked, conforming to IS: 694/1990 with 1.0 sq. mm, PVC insulated, unsheathed, multi-stranded, FRLS copper conductor of 1100 Volt grade, ISI marked, conforming to IS: 694/1990 as earthing wire with all accessories in concealed type of wiring in medium grade PVC conduit and accessories of Precision/Modi/ Prestoplast/Gerard make.							
6	6	10.00	Numbers	451.00	4510.00	AT Par	4510.00	
	Description:- Providing board with four switches and four sockets, 6 Amp in concealed manner with modular accessories - The price shall cover for providing multi-plug point board (switch, 6 Amp - 4 Nos and universal socket, 6 Amp - 4 Nos) with modular type universal five-pin socket and switch, 6 Amp, 230 Volt, AC with modular accessories in concealed manner. The accessories shall be of modular type of C&S/ MK/North West/L&T/Crabtree/Siemens/Anchor/Legrand/Havells/Luminous make. The price shall also cover for concealed wiring of board with 1.5 sq. mm, PVC insulated, unsheathed, multi-stranded, FRLS copper conductor of 1100 Volt grade, ISI marked, conforming to IS: 694/1990 with 1.0 sq. mm, PVC insulated, unsheathed, multi-stranded, FRLS copper conductor of 1100 Volt grade, ISI marked, conforming to IS: 694/1990 as earthing wire with all accessories in concealed type of wiring in medium grade PVC conduit and accessories of Precision/Modi/ Prestoplast/Gerard make.							
7	7	50.00	Numbers	242.00	12100.00	AT Par	12100.00	
	Description:- Providing board with two switches and two sockets, 6 Amp - The price shall cover for wiring of multi-plug point (switch, 6 Amp - 2 Nos and socket, 6 Amp - 2 Nos) on separate surface mounted polypropylene switch board with modular cover plate of suitable module with 2.5 sq. mm PVC insulated, unsheathed, multi-stranded, FRLS copper conductor of 1100 Volt grade, ISI marked, conforming to IS: 694/1990 and 1.5 sq. mm PVC insulated, unsheathed, multi-stranded, FRLS copper conductor of 1100 Volt grade, ISI marked, conforming to IS: 694/1990 as earthing wire in medium grade PVC casing capping, double lock type, ISI marked of Modi/Precision/Gerard/Prestoplast make or medium grade PVC conduit of not less than 19 mm diameter, ISI marked of make Prestoplast/Precision/Modi/Gerard as per site conditions at an approximate distance up to 3.0 meter or as per site requirement. PVC box shall be as per IS: 14772.							
8	8	130.00	Metre	89.00	11570.00	AT Par	11570.00	
	Description:- Concealed wiring of sub-main with 2.5 sq. mm in PVC conduit - The price shall cover for concealed wiring of sub main with two-wire single core 2.5 sq. mm PVC insulated, unsheathed, multi-stranded, FRLS copper conductor of 1100 Volt grade, ISI marked, conforming to IS: 694/1990 and one wire of 1.5 sq. mm PVC insulated, unsheathed, multi-stranded, FRLS copper conductor of 1100 Volt grade, ISI marked, conforming to IS: 694/1990 in concealed manner as per site requirement in PVC conduit.							
9	9	70.00	Metre	109.00	7630.00	AT Par	7630.00	
	Description:- Concealed wiring of sub-main with 4.0 sq. mm in PVC conduit - The price shall cover for concealed wiring of sub main with two-wire single core 4.0 sq. mm PVC insulated, unsheathed, multi-stranded, FRLS copper conductor of 1100 Volt grade, ISI marked, conforming to IS: 694/1990 and one wire of 2.5 sq. mm PVC insulated, unsheathed, multi-stranded, FRLS copper conductor of 1100 Volt grade, ISI marked, conforming to IS: 694/1990 in concealed manner as per site requirement in PVC conduit.							
10	10	700.00	Metre	189.00	132300.00	AT Par	132300.00	
	Description:- Wiring of sub-main with copper wire, single-core, 4.0 sq. mm - 5 Nos and 2.5 sq. mm - 1 No in PVC conduit/casing-capping with junction box - The price shall cover for wiring of five wire sub-main with 4.0 sq mm PVC insulated, unsheathed, multi-stranded, FRLS copper conductor of 1100 Volt grade, ISI marked, conforming to IS: 694/1990 with five wires of 4.0 sq. mm PVC insulated, unsheathed, multi-stranded, FRLS copper conductor of 1100 Volt grade, ISI marked, conforming to IS: 694/1990 and one wire of 2.5 sq. mm, PVC insulated, unsheathed, multi-stranded, FRLS copper conductor of 1100 Volt grade, ISI marked, conforming to IS: 694/1990 in green colour as earthing wire in medium grade PVC casing capping of not less than 25 mm size, double lock type, ISI marked of make Prestoplast/Precision/Modi/ Gerard or medium grade PVC conduit of not less than 19 mm diameter, ISI marked of make Prestoplast/ Precision/Modi/Gerard with heavy duty PVC junction box as per site conditions.							

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11	11	400.00	Numbers	40.00	16000.00	AT Par	16000.00	Description:- Providing ceiling rose with PVC junction box in existing sub-main - The price shall cover for supply and fixing of ceiling rose with PVC junction box of reputed make and quality, ISI marked in existing sub-main and its connection from existing sub-main with 1.5 sq. mm multi-stranded, PVC insulated, unsheathed FRLS copper conductor and 1.0 sq. mm multi-stranded, PVC insulated, unsheathed FRLS copper conductor in green colour as earthing wire of 1100 Volt grade, ISI marked, conforming to relevant and latest IS.
12	12	10.00	Numbers	811.00	8110.00	AT Par	8110.00	Description:- Providing sub-main board with MCB DP, 16 Amp and circuit fuse - The price shall cover for supply, fixing, testing and commissioning of sub-main board with one no MCB DP, 16 Amp, 10 KA breaking capacity, 'C' curve of MDS/L&T (Hager)/ABB/Siemens/C&S/BCH/ Schneider make in sheet steel enclosure of same make as MCB with one no of flush type Kit-Kat fuse, 16 Amp for incoming supply and two Nos of flush type Kit-Kat fuse, 10 Amp for outgoing supply on sun mica top T.W. board of size 250 x 200 x 50 mm with hinged door.
13	13	10.00	Numbers	1206.00	12060.00	AT Par	12060.00	Description:- Providing 20 Amp ray roll plug and socket with MCB DP, 16/20 Amp in weather proof box - The price shall cover for supply, erection, testing and commissioning of power plug board with one MCB DP 16/20 Amp, ray-roll socket 16/20 Amp and LED indication lamp in weather proof MS enclosure. The MCB shall be of ABB/L&T (Hager)/HPL/GE/MDS/Siemens/BCH/C&S/CGL/Schneider make. The colour of MS enclosure should be in sync with the decor of the room and as decided by site engineer. The MS enclosure shall be properly earthed.
14	14	160.00	Numbers	3226.00	516160.00	AT Par	516160.00	Description:- Supply, fixing, testing and commissioning of BLDC ceiling fan, decorative type with three blades - The price shall cover for supply of Brushless DC ceiling fan of 1400 mm sweep confirming to IS: 374 (2019) latest complete with top and bottom canopies, 300/600/900 mm down rod, shackles, nuts, bolts, clamps and all other accessories as per site requirement. The fan shall be supplied with remote control unit and shall be ISI marked and of reputed make of ATOMBERG/HAVELLS/ORIENT/CROMPTON/USHA or any other make approved by Sr. DEE (Power) Vadodara confirming to the IS mentioned above. The price shall also cover for fixing, testing and commissioning of ceiling fan on existing hook and its connection by FRPVC insulated, flexible copper cord, 1100 Volt grade, 24/0.20 mm from existing ceiling rose with earth connection. A suitable suspension clamp made from G.I. flat of 40 x 6 mm with MS 'S' shaped hook of diameter not less than 10 mm shall be provided as per site requirement if fan hook is not available and this is included in the scope of work. The colour of the BLDC fan shall be in sync with the room ambience and shall be got approved from site engineer before supply.
15	15	450.00	Foot	80.00	36000.00	AT Par	36000.00	Description:- Providing down rod of 3.0 feet length complete with all accessories like nut-bolts, rubber reels, cotter pin, shackles etc - The price shall cover for supply and fixing of M.S. down rod for ceiling fan of 3.0 feet length, 12.0 mm diameter, 2.0 mm thick, powder coated with matching colour of ceiling fan, complete with suspension assembly, rubber reels, shackles, galvanized nuts and bolt, washers, split pins, insulator and slot at bottom.
16	16	20.00	Numbers	1461.00	29220.00	AT Par	29220.00	Description:- Providing Exhaust fan 300 mm sweep/heavy duty with louver/bird guard - The price shall cover for supply of heavy duty, industrial Exhaust Fan of metal body, 300 mm sweep with bird guard operating on 230 Volt, 50 Hz AC supply complete with all accessories of make Crompton Greaves/GEC/ Almonard/Usha/Bajaj. The price shall also cover for fixing, testing and commissioning of the Exhaust Fan on existing pocket with rake bolts/Anchor fasteners of suitable size as per site condition, and its connection from existing ceiling rose with three-core, 24/0.20 mm size, FRPVC insulated, flexible copper wire of 1100 Volt grade.
17	17	20.00	Numbers	3796.00	75920.00	AT Par	75920.00	Description:- Providing energy efficient, BLDC pedestal fan, 400 mm sweep - The price shall cover for supply of energy efficient, BLDC pedestal fan, 400 mm sweep, operating on 230 Volt, 50 Hz AC supply. The pedestal fan should offer high air delivery (75 CMM), speed of 1500 RPM, low noise level (57dB) and aerodynamically balanced blades. The fan should be supplied with IR remote control for effortless control, allowing to adjust speed, activate boost mode, set timers, enable sleep mode with a single click or enable oscillation/swing mode. The remote control shall be universal across all the pedestal fans and not needed to be paired, allowing easy operation. The fan should feature 90 degree swing (controlled by remote control/button) to ensure higher coverage across the room. Additionally, it should be manually tilted up to 30 degree allowing directing the airflow precisely for maximum comfort. The pedestal fan shall be of ATOMBERG/HAVELLS/ORIENT/CROMPTON/USHA or any other make approved by Sr. DEE (Power) Vadodara.
18	18	3.00	Numbers	1191.00	3573.00	AT Par	3573.00	Description:- Providing MCB and starter with three-pin plug point for Air Conditioner unit in concealed manner with modular accessories - The price shall cover for supply, erection, testing and commissioning of power unit for Air Conditioner in enclosure with MCB DP 20/25 Amp, 3 KA breaking capacity, DOL starter of 16 - 25 Amp capacity suitable for 1.5/2.0 TR A.C. unit, one No 16/20/25 Amp socket and three-pin plug top, 16/25 Amp of ANCHOR-ROMA/CRABTREE/NORTH-WEST make with concealed wiring of sub main with two-wire single core 4.0 sq. mm PVC insulated, unsheathed, multi-stranded, FRLS copper conductor of 1100 Volt grade, ISI marked, conforming to IS: 694/1990 and one wire of 2.5 sq. mm PVC insulated, unsheathed, multi-stranded, FRLS copper conductor of 1100 Volt grade, ISI marked, conforming to IS: 694/1990 as earthing wire in concealed manner at an approximate distance up to 3 meter as per site requirement in PVC conduit. The enclosure shall be of modular type and its colour of should be in sync with the decor of the room and as decided by site engineer.
19	19	20.00	Foot	328.00	6560.00	AT Par	6560.00	Description:- Providing copper piping for suction and discharge lines of Air Conditioner unit - The price shall cover for supply, fixing, testing and commissioning of refrigerant copper piping suitable for R-22, R-134 A, R-407 refrigerant and conforming to IS: 10773/2006 (latest) from indoor unit to outdoor unit. The copper piping shall be insulated with polyurethane foam tubing duly covered with weather protection. The copper refrigerant pipe shall be suitable for bearing 350 PSI pressure and the thickness should be 19 SWG and diameter should be suitable for handling of refrigerant for capacity 3.5 TR of refrigerant quantity without creating any extra pressure due to quantity of refrigerant and as per manufacturer's recommendations. The exposed copper piping shall be suitably concealed as per site requirement.
20	20	20.00	Metre	176.00	3520.00	AT Par	3520.00	Description:- Providing four-core, multi-stranded, flexible copper cable, 2.5 sq. mm from indoor to outdoor unit of Split Air Conditioner - The price shall cover for supply of decorative wall mounted bracket fan, 400 mm sweep, operating on 230 Volt, 50 Hz AC supply, oscillating type, 90° swing with three-speed regulator, three aerodynamically balanced blades made of aluminium and base made of MS pipe/plate. Make - Crompton Greaves/Usha/Orient/Bajaj/GEC/Almonard. The price shall also cover for fixing, testing and commissioning of bracket fan on wall by suitable size of MS clamps and its connection from existing socket/supply point as per site requirement. The wall bracket fan shall be got approved from site engineer before supply.
21	21	2.00	Pair	474.00	948.00	AT Par	948.00	Description:- Providing MS stand for outdoor unit of Split Air Conditioner - The price shall cover for fabrication, supply, fixing and commissioning of MS angle frame/stand made from MS angle for outdoor unit of split AC. The size of angle shall be 40 x 40 x 6 mm painted with two coats of red oxide primer and finished with one coat of black enamel paint. The angle stand shall be fixed at site with anchor bolts. Necessary civil works involved are included in the scope of work.
22	22	20.00	Foot	42.00	840.00	AT Par	840.00	Description:- Providing rigid PVC drain pipe - The price shall cover for supply and fixing of rigid uPVC pipe medium grade of required diameter from indoor unit to main drain hole for draining of condensed water from cooling coil (Indoor unit) to main drain discharge point.
23	23	2.00	Numbers	1436.00	2872.00	AT Par	2872.00	Description:- Installation, testing and commissioning of Split Air Conditioner - The price shall cover for installation, fixing, testing and commissioning of the split AC as per the site-engineer's instructions/ requirements with all associated wiring, copper piping, existing drain piping, existing MS outdoor stand. This shall also cover for making a hole of suitable diameter in the existing brick masonry/RCC wall for laying of cables, pipes etc from indoor to outdoor unit in a neat and aesthetic manner. The hole shall be sealed with plaster of Paris to prevent entry of insects, rain water, lizards etc. Manufacturer's recommendations/ instructions shall be strictly followed. Split AC shall be supplied by railways from the site engineer's office/ stores.
24	24	4.00	Numbers	6012.00	24048.00	AT Par	24048.00	Description:- Providing on-load, three-way, rotary change over switch, three-phase, 40 Amp in sheet steel enclosure with indication lamps, earthing terminals etc - The price shall cover for supply, fixing, testing and commissioning of 'On Load' rotary change over switch three-way, 40 Amp, three-phase, 415 Volt in powder coated, weather proof sheet enclosure, conforming to IS: 13947-Part III (1993). The changeover switch shall be of ABB/Siemens/GE/HPL/L&T/BCH/C&S/Schneider/Havells make.
25	25	6.00	Numbers	7721.00	46326.00	AT Par	46326.00	Description:- Providing Distribution Board with incomer MCB DP, 16/32 Amp - 1 No, RCBO, 25 Amp - 1 No and outgoing MCB SP, 6/10/16 Amp - 8 Nos - The price shall cover for supply, fixing, testing and commissioning of pre-fabricated, double door, MCB distribution board fabricated from CRCA sheet steel, powder coated with grey finish, dust and vermin proof, water resistant with metallic door complete with MCBs of 10 KA breaking capacity. The DB shall be equipped with incomer MCB DP 16/32 Amp - 1 No, RCBO, two-pole, 30 mA sensitivity, 25 Amp - 1 No and outgoing MCB SP, 6/10/16 Amp - 8 Nos. The MCBs/RCBOs shall be of ABB/L&T/HPL/GE/MDS/Siemens/BCH/C&S/Schneider/CGL/Havells make. The board shall be completely wired with multi-stranded copper wire of suitable capacity and shall be provided with heavy duty connectors of suitable capacity for termination of incoming and outgoing wires and shall be provided with two nos of earthing terminals on each side of the board and riveted metallic caution board in three languages.
	26	4.00	Numbers	14870.00	59480.00	AT Par	59480.00	

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26	Description:- Providing Distribution Board with incomer MCB TPN, 63 Amp - 1 No, outgoing MCB DP, 16/20/32 Amp - 6 Nos with Time Switch, 16 Amp - 2 Nos and Single-Phase Contactor, 32 Amp - 2 Nos - The price shall cover for supply, fixing, testing and commissioning of Distribution Board fabricated from CRCA sheet steel, powder coated with grey finish, dust and vermin proof, water resistant with metallic door complete with MCCBs of 10 KA breaking capacity. The board shall be equipped with incomer MCB TPN, 10 KA breaking capacity, 63 Amp rating - 1 No and outgoing MCB DP, 16/20/32 Amp - 6 Nos with Time switch, 16 Amp - 2 Nos, Single-phase contactor of rating 32 Amp - 2 Nos. The MCCBs shall be of ABB/L&T/HPL/GE/MDS/Siemens/BCH/C&S/Schneider/CGL/Havells make, the contactor shall be of L&T/BCH/C&S/CGL/ Schneider/Siemens make and Digital Time Switch "CRONO" of L&T make or similar of Siemens/Minilec make. The board shall be completely wired with multi-stranded copper wire of suitable capacity and shall be provided with heavy duty connectors of suitable capacity for termination of incoming and outgoing wires and shall be provided with two nos of earthing terminals on each side of the board and riveted metallic caution board in three languages.						
	27	1.00	Numbers	55878.00	55878.00	AT Par	55878.00
27	Description:- Providing Distribution Board with incomer MCCB, four-pole, 125 Amp - 1 No and outgoing MCCB, four-pole, 63 Amp - 2 Nos - The price shall cover for fabrication, supply, fixing, testing and commissioning of pre-fabricated Distribution Board fabricated from 18 SWG CRCA sheet steel, powder coated with grey enamel, double door, wall/floor mounted, dust and vermin proof, water resistant, outdoor type conforming to relevant IS and complete with MCCBs and MCBs. The Distribution Board shall be suitable for surface/concealed mounting. The Distribution Board shall be suitable for vertical installation as per site conditions. The board shall be fabricated for three-phase, four-wire, 440 Volt AC, 50 Hz supply system and shall consist of the following switchgears/accessories - (a) Incomer - MCCB, four-pole, 125 Amp, with thermal-magnetic release range 100 - 125 Amp, Ics = 100% Icu having 35 KA breaking capacity and conforming to IS/IEC 60947-2 with adjustable overload and short circuit settings and inbuilt instantaneous protection. The MCCB shall be supplied with spreader terminals and rotary handle. The MCCB shall be of ABB/L&T (Hagar)/HPL/GE/MDS/Siemens/BCH/C&S/Schneider/CGL/Havells make --- 1 No (b) Outgoing - MCCB, four-pole, 63 Amp, with thermal-magnetic release range 50 - 63 Amp, Ics = 100% Icu having 35 KA breaking capacity and conforming to IS/IEC 60947-2 with adjustable overload and short circuit settings and inbuilt instantaneous protection. The MCCB shall be supplied with spreader terminals and rotary handle. The MCCB shall be of ABB/L&T (Hagar)/HPL/GE/MDS/Siemens/BCH/C&S/Schneider/CGL/Havells make --- 2 Nos (c) Bus bar for main circuit and neutral shall have uniform cross section and made from electrolytic tinned copper as per relevant standards with colour coded, heat shrinkable, PVC insulated and having current density of 1.6 Amp/sq. mm cross sectional area --- 1 set (d) Multi LED type indication lamp for three-phases (Red, Yellow and Blue) of L&T/Schneider/Siemens/ C&S/ABB/BCH make with protection fuses --- 1 Set (e) Cable glands of required sizes --- LOT (f) Two earth terminals of 12 mm diameter G.I. nut/bolt with washers shall be provided in the LT panel and all sheet steel section shall be electrically connected with a separate G.I. earth strip of 50 x 6 mm size across the panel at bottom. (g) Metallic Caution Board in three languages riveted to the panel board --- 2 Nos						
	28	4.00	Numbers	90193.00	360772.00	AT Par	360772.00
28	Description:- Providing online UPS, 2.0 KVA cap with 120 minutes backup - Supply, fixing, testing and commissioning of Online UPS, 3.0 KVA capacity with isolation transformer and 120 minutes backup complete with all accessories, IGBT PWM based system suitable for single phase, 230 Volt 50 Hz AC input and single phase 230 Volt, sine wave, 50 Hz AC output, floor mounting type with indicative backup time of 120 minutes with minimum 6400 VAH, SMF VRLA batteries. Specifications are as under - Capacity - 3.0 KVA Input Voltage - 160 - 260 Volt, Single-phase, 50 Hz AC PF - Minimum 0.9 at full load Overall efficiency - 90% at Rated Load Overload capacity - Deliver a minimum overload at 125% for 10 minutes and 150% for 30 seconds. Operating temperature - 0 to 40 deg C Total harmonic distortion - Maximum 3% for linear loads and 5% for non-linear loads Crest factor - 3.1 Noise level - Maximum 55 db Battery - SMF type battery, 42 AH, 12 Volt - 8 Nos Make - HBL/Amara Raja/Exide/CSB/Panasonic/Hitachi/Yuasa Warranty - Minimum five (5) years for UPS and 2 years for batteries						
	29	10.00	Numbers	9898.00	98980.00	AT Par	98980.00
29	Description:- Supply, fixing, testing and commissioning of three-phase, 415 Volt pre-cooling socket, complete with MCCB, three-pole, 63 Amp, heavy duty plug-socket, 63 Amp, MCB DP, 20 Amp and ray roll plug and socket, 20 Amp in MS outdoor type enclosure for pre cooling point - The price shall cover for supply of three-phase power plug and socket as per below mentioned specifications - (i) Three-phase, 415 Volt power plug and five-pin socket, 63 Amp of BCH make, Cat. No. D56A7A1 or similar model of L&T/SIEMENS/HPL --- 1 No (ii) Single phase, 230 Volt power plug and three-pin socket, 20 Amp of BCH make, Cat. No. MPSEU202 or similar model of L&T/SIEMENS/HPL --- 1 No (iii) MCCB, four-pole, 63 Amp, with thermal-magnetic release range 50 - 63 Amp, Ics = 100% Icu having 35 KA breaking capacity and conforming to IS/IEC 60947-2 with adjustable overload and short circuit settings and inbuilt instantaneous protection. The MCCB shall be supplied with spreader terminals and rotary handle. The MCCB shall be of ABB/L&T/HPL/GE/MDS/Siemens/BCH/C&S/Schneider/CGL/ Havells make --- 1 No (iv) MCB DP, 10 KA breaking capacity, 20 Amp of ABB/L&T/HPL/GE/MDS/Siemens/BCH/C&S/CGL/ Schneider/Havells make --- 1 No (v) Outdoor type enclosure fabricated from 18 SWG CRCA sheet steel, powder coated with grey enamel, wall/pillar mounted, dust and vermin proof, water resistant conforming to relevant IS. The enclosure shall be fabricated for three-phase, four-wire, 440 Volt AC, 50 Hz supply system. (vi) The enclosure shall be internally wired by suitable size FRPVC insulated, single core flexible copper multi-stranded wires with crimped copper lugs. The price shall also cover for fixing testing and commissioning of the enclosure securely on cover shed pillars/rails/wall with necessary M.S. clamps, nuts, bolts etc. The drawing, design of plug socket, switchgears with make and model shall be got approved from site-engineer before fabrication and supply.						
	30	10.00	Numbers	1271.00	12710.00	AT Par	12710.00
30	Description:- Fabrication, supply, fixing and commissioning of 110 Volt battery charging terminals to be mounted on rail poles - The price shall cover for fabrication, supply, fixing and commissioning of 110 Volt battery charging terminals and design shall be as per sample drawing available in Sr. DEE (Power) Vadodara office. Only two cables shall be tapped from the outgoing terminal of the battery charger and looping of the charging terminals should be in alignment. The looping shall take place at the charging terminals only. Cables shall be terminated/looped at the charging terminals with crimped sockets, nuts, bolts, washers etc. and proper capacity of DC MCB shall be provided on positive and negative terminals. The battery charging terminals shall be securely mounted on rail poles. The 110 Volt charging terminals shall be painted with yellow enamel paint. The cable shall be properly clamped to the pipe. 110 Volt DC and symbol for '+' and '-' for identification of polarity shall be painted on the charging terminal.						
	31	81.00	cum	129.00	10449.00	AT Par	10449.00
31	Description:- Digging of cable trench 450/600 mm wide and 900 mm deep in all types of soil including hard, rocky etc. - The price shall cover for digging of 450/600 mm wide and 900 mm deep trench in all types of soil including soft, rocky as per cable route plan and filling back the trench after laying of cables. This also includes clearing of roots of trees and bushes and other temporary obstructions on the selected route.						
	32	1250.00	Metre	406.00	507500.00	AT Par	507500.00
32	Description:- Digging of cable trench 100 mm wide and 200 mm deep in concrete/tar road/platform and refilling to its original position after laying of cable in HDPE pipe, 50 mm diameter - The price shall cover for digging of cable trench of size 100 x 200 mm deep in concrete/tar road/platform surface and its refilling/ plastering after laying of cable in 50 mm diameter HDPE pipe of Tijaria/Himalyan/Koncept/ Poddar/Unique/Dutron/Reliance/Baba/Shivam make in existing trench. Supply and laying of HDPE pipe, 50 mm diameter is included in the scope of work.						
	33	200.00	Metre	84.00	16800.00	AT Par	16800.00
33	Description:- Supply and laying of DWC pipe, 63 mm diameter - The price shall cover for supply of Double Wall Corrugated (DWC) HDPE pipe of 63 mm diameter of Tijaria/Himalyan/Koncept/Poddar/Unique/ Dutron/Reliance/Baba/Shivam make. DWC HDPE pipe shall have corrugation on outer wall but inner wall shall be plain conforming to IS: 14930 Part I and II amended from time to time. The pipes shall be "ISI" marked. Accessories like HDPE snap fit coupler with neoprene 'O' ring shall be part of supply to make the joints water/damp proof. The strength and stiffness class of the pipe shall be SN4 and SN8 respectively. The price shall also cover for laying the DWC pipes in the ground below the tracks/road by push through method at a depth below the formation level as indicated in the drawing supplied by railway. The term "formation" level means the earth surface just below the bedding of the ballast. In case of any hard/stony soil, contractor should adopt new technology method in push through method. Each length of the pipes shall be joined together properly using proper size of socket and aligned in a straight line, keeping an inclination to facilitate the draining of water.						
	34	100.00	Metre	500.00	50000.00	AT Par	50000.00
34	Description:- Supply and fixing of PVC maxi trunking of size 100 x 50 mm - The price shall cover for supply, fixing, testing and commissioning of ISI marked PVC Maxi Trunking of size 100 x 50 mm with all accessories of make Precision/Gerard/Modi/Prestoplast. The PVC Maxi trunking shall be fixed at site by fabricated clamp of 18 SWG GI sheet at a distance not more than 1.5 meters by machine screw/GI nut bolts, washers etc. The existing power cables shall be laid in the PVC Maxi trunking properly dressed and secured by means of suitable clamps/fasteners etc.						
	35	50.00	Metre	910.00	45500.00	AT Par	45500.00
35	Description:- Supply and erection of G.I. perforated cable tray of size 150 x 100 x 100 mm on MS frame with cover - The price shall cover for fabrication, supply and fixing of M.S. perforated cable tray, hot dip galvanized as per latest ISS/BSS of size 150 x 100 x 100 mm and 2.0 mm approximate thickness with appropriate cover of thickness 1.6 mm. The cable tray shall be fixed horizontally or vertically at site and the existing LT cables shall be laid/shifted in the cable tray by disconnecting from the panel/switch end and reconnecting as per site requirement duly tied with suitable clamps with GI nuts, bolts and washers in a safe and secure manner. The fixing clamps shall be fabricated from 50 x 50 x 6 mm MS angle or 50 x 6 mm MS flat duly painted and fixed at approximate distance of 1.5 to 2.0 meter apart with 2" long dowel/fisher rack bolts. The tray shall be fabricated in lengths of 2.0 m and couplers shall be provided at joints. The cable tray cover shall be fixed with GI screws.						
	36	50.00	Metre	177.00	8850.00	AT Par	8850.00
36	Description:- Providing uPVC pipe, 50 mm diameter - The price shall cover for supply of uPVC pipe of 50 mm nominal bore diameter and working pressure of 14 kg/sq. cm along with coupling, elbow, tee etc. for protection of cable. The upright cable shall be encased in uPVC pipes for mechanical protection. The pipe shall be clamped with flat MS clamp at each location on upright cable length. uPVC Pipe shall be as per ASTM-D: 1785, Sch-80 of PARIXIT/SWASTIK/ASHIRWAD/ASTRAL/DOLPHIN/POLYTECH/DUKE/FALCON make. The price shall also cover for laying the uPVC pipes in ground/road and under the track by digging open trench method. Each length of the pipes shall be joined together using proper size of uPVC coupler and properly aligned in a straight line, keeping an inclination to facilitate the draining of water.						
	37	150.00	Metre	1512.00	226800.00	AT Par	226800.00

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37	Description:- Supply and laying of HDPE pipe, 110 mm diameter by pushing method under track/road - The price shall cover for supply of HDPE (High Density Polyethylene) pipe of 110 mm nominal diameter as per IS 4984-1995 of make Tijaria/Himalyan/Koncept/Poddar/Unique/Dutron/Reliance/Baba/Shivam with accessories required for laying such as coupler, bend etc. as per description given in Annexure-XXI of tender document. The price shall also cover for laying the HDPE pipes in the ground below the tracks/road by push through method at a depth below the formation level as indicated in the drawing supplied by railway. The term "formation" level means the earth surface just below the bedding of the ballast. In case of any hard/stony soil, contractor should adopt new technology method in push through method. Each length of the pipes shall be joined together properly using proper size of socket and aligned in a straight line, keeping an inclination to facilitate the draining of water.								
	38	20.00	Numbers	174.00	3480.00	AT Par	3480.00		
38	Description:- Providing route cable marker - The price shall cover for supply and fixing of cable route markers on route of cable at each turning point and suitable distance in straight formation as guided by the site engineer. The cable route marker shall be casted of cast iron and fitted with 16 mm diameter M.S. rod and description as per drawing No. S - 287. After fabrication the complete marker assembly shall be hot dip galvanized to make it anti corrosive and shall be got approved from the site engineer.								
	39	1450.00	Metre	21.00	30450.00	AT Par	30450.00		
39	Description:- Laying of cable in trench - The price shall cover for laying, testing and commissioning of LTUG armoured cable in existing trench/pipe and its connection at both ends. The cable shall be tested with 500 Volt Megger earth tester before laying it in the trench. The cable cores shall be tested for continuity, absence of cross phasing, Insulation Resistance between conductors to earth/armour and between conductors. The results should be recorded in presence of railways' representative. A composite cable layout plan on ferro-print or computerized print duly laminated in A-4 size should be submitted by the contractor to this office as well as site in-charge after laying of cable. Cables shall be supplied by railways at site engineer's stores.								
	40	150.00	Metre	33.00	4950.00	AT Par	4950.00		
40	Description:- Laying of cable on wall/cover shed/existing tray with MS clamp - The price shall cover for laying, testing and commissioning of LTUG armoured cable on wall/cover shed/in existing tray and its connection at both ends. The cable shall be tested with 500 Volt Megger before laying it in the tray. The cable cores shall be tested for continuity, absence of cross phasing, Insulation Resistance between conductors to earth/armour and between conductors. The results should be recorded in presence of railways' representative. A composite cable layout plan on ferro-print or computerized print duly laminated in A-4 size should be submitted by the contractor to site engineer and Divisional Office after laying of cable.								
	41	10.00	Numbers	3000.00	30000.00	AT Par	30000.00		
41	Description:- Providing polyurethane painted, decorative single arm bracket fabricated from "B" Class MS pipe of 42 mm diameter - The price shall cover for supply and fixing of decorative single arm bracket fabricated from "B" Class MS pipe of 42 mm diameter. The pole cap shall be 200 mm long and the diameter shall be suitable for fixing on the existing octagonal street light poles. The length of the arm shall be 1000 mm. The bracket shall be PU painted as per relevant Indian standards. The shade of PU paint shall be decided by railways as per the site scheme. The design of the bracket shall be got approved by the site engineer before fabrication.								
	42	10.00	Numbers	3850.00	38500.00	AT Par	38500.00		
42	Description:- Providing polyurethane painted, decorative double arm bracket fabricated from "B" Class MS pipe of 42 mm diameter - The price shall cover for supply and fixing of decorative double arm bracket fabricated from "B" Class MS pipe of 42 mm diameter. The pole cap shall be 200 mm long and the diameter shall be suitable for fixing on the existing octagonal street light poles. The length of the arm shall be 1000 mm on each side. The bracket shall be PU painted as per relevant Indian standards. The shade of PU paint shall be decided by railways as per the site scheme. The design of the bracket shall be got approved by the site engineer before fabrication.								
	43	20.00	Numbers	11778.00	235560.00	AT Par	235560.00		
43	Description:- Supply, fixing, testing and commissioning 5.0 meter height, decorative street light pole with PU paint and complete with all accessories with foundation - The price shall cover for supply, erection and commissioning of 5.0 meter height single/double arm, decorative, street light tubular pole with PU paint as per the specifications given in Annexure-XXI of tender document.								
	44	10.00	Numbers	15465.00	154650.00	AT Par	154650.00		
44	Description:- Supply, fixing, testing and commissioning of 5.0 meter height G.I. street light octagonal pole, double arm complete with all accessories and foundation - The price shall cover for supply, erection and commissioning of 5.0 meter height double arm, G.I. street light octagonal pole as per the specifications given in Annexure-XXI of tender document.								
	45	10.00	Numbers	22500.00	225000.00	AT Par	225000.00		
45	Description:- Supply, fixing, testing and commissioning of 5.0 meter height G.I. multipurpose octagonal pole, double arm, for mounting of Street Light fitting, Coach Guidance Board, Public Address System and CCTV camera complete with all accessories, junction boxes and foundation etc. - The price shall cover for supply, fixing, testing and commissioning of 5.0 meter height double arm, G.I. multipurpose, octagonal pole for mounting of platform light fitting, Coach Guidance Board, Public Address System and CCTV camera as per the specifications given in Annexure-XXI of tender document.								
	46	1000.00	Square Foot	2189.00	2189000.00	AT Par	2189000.00		
46	Description:- Design, manufacture, display, installation of wall/hanging/floor mounting type signage/ directional boards in flat/half elliptical/ Parabolic/ Triangular shape. The display sheet shall be of unbreakable 040 translucent polycarbonate sheet of 2.0 mm thickness. The text/graphics matter visibility shall not be less than 160 deg. The approved colour text and graphics shall be printed/ router cut on monomeric calendared vinyl of 70 µm thickness and shall be firmly pasted on display sheets/Retro Reflective Boards. The mounting arrangement shall be hanging, wall mounting, ceiling mounting, pole mounting or floor mounting and as per site requirement to be provided by the contractor with their own materials, labour, all Tools & Plants, lead, lift, transportation etc including all applicable taxes. The signage shall have the integral mounting arrangements with sturdy structural frame and ACP cladding on the back side of the signage to avoid rusting and entry of dust. The scope of work covers various Utran station of Vadodara division. The work shall be carried out as per the "Guidelines on Standard Signages at Stations on Indian Railways, 2023" issued by the Ministry of Railways, Government of India. The work shall be executed strictly as per the specifications given in the document which is attached as Annexure. Colour scheme, font sizes, directional arrows, materials, fabrication, text, pictogram shall be as given in the document.								
	47	1500.00	Metre	22.00	33000.00	AT Par	33000.00		
47	Description:- Providing G.I. Earth wire, 8 SWG in PVC sleeve along with cable - The price shall cover for supply and laying of soft G.I. wire of 8 SWG covered with black coloured PVC sleeve of superior quality and laid along with PVC LTUG cable properly fixed and connecting earthing terminals of each panel.								
	48	20.00	Numbers	10594.00	211880.00	AT Par	211880.00		
48	Description:- Providing maintenance free earthing - The price shall cover for providing maintenance free earthing as per the following specifications - 1.High tensile-low carbon steel rod having diameter not less than 17 mm complying with requirements of BS 4360 Grade 43A or EN10025:2-004 S275JR, molecularly bonded by 99.99% pure high conductivity copper on outer surface with copper coating thickness of 250 micron or more, Length 3000 mm (minimum). Certificates from NABL approved labs shall be submitted with test results. 2.Copper earth bus-bar of size 250 mm x 50 mm x 6 mm having electrical conductivity of 101% IACS, minimum 99.9% copper content shall be exothermically welded to rod with 4 holes of 12 mm diameter (two on each side) for connecting earthing conductor. 3.Earth Enhancement compound should have characteristics as mentioned in the RDSO specifications. It should have low resistivity preferably below 0.2 Ohm-meter, supplied in sealed bags (minimum 75 kg per pit for 5' x 5' x 10' size pit and minimum 50 kg per pit for 300 mm bore type pit. The bags shall be marked with manufacturer's name or trade name, quality, Batch No. and date of manufacture. Certificates from NABL approved labs shall be submitted with test results, for at least following parameters - i)Composition of Earth Enhancement compound ii)Resistivity - < 2 Ohm-meter iii)pH value - > 7 but < 9 iv)Moisture retaining capacity - > 10% at 105 degrees Celsius v)Water solubility - < 5% 4.Backfill material - Good quality soil or excavated soil free from sand, gravel and stones shall be used for backfilling. 5.Earth pit of size 5 feet x 5 feet x 10 feet or min 300 mm bore up to 10 feet using earth auger shall be made. 6.Inspection chamber - A concrete box of 300 x 300 x 300 mm (inside dimensions) and 50 mm thickness of wall, with smooth cement plaster finish shall be provided on the top of the pit. A concrete lid, painted black, approximately 50 mm thick with pulling hooks shall be provided to cover the earth pit. PVC sleeve shall be provided in concrete wall to take out earthing connections. 7.On backside of the cover, date of the testing and average resistance value shall be written with yellow paint on black background. 8.Instead of copper bus-bar and strips mentioned in the drawing, a GI main bus-bar of minimum size 300 mm x 75 mm x 8 mm to be installed on nearby wall etc. It shall be connected to earthing with two GI strips of 50 mm x 6 mm size each, up to a distance of 10 meters from earth bus-bar (minimum 3 meters x 2 Nos GI strips to be supplied). 9.Earthing shall generally be carried out in accordance with the requirement of I.E. Rules, 1956, as amended from time to time and shall confirm to IS: 3043 of 1987 with latest amendment. 10.The earth value shall be measured and recorded at the site by painting on earth pit or nearest wall along with date of testing. It shall be less than 2 Ohms and neutral to earth voltage shall be less than 3 Volt. 11.Earthing performance after a year of installation shall be jointly checked and measured. It should be less than 2 Ohm. 12.General arrangement of the earth system shall be as per the drawing given in Annexure-XXI of tender document.								
S.No.		Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule (I) B- LED Fittings								5599355.00	Above/ Below/Par
	1	10.00	Numbers	77.00	770.00	AT Par	770.00		
1	Description:- Providing 9 Watt LED lamp - The price shall cover for supply of 9 Watt LED bulb as per Western Railways' specification no. WR/CCG/Specification/P/001 (Rev. 01) - 2018. The bulb shall be equipped with B22 cap and shall be of A67 type. The bulb shall deliver 900 lumens output with CCT of 6500° K and CRI of 80. The bulb shall be of reputed quality and make.								
	2	30.00	Numbers	499.00	14970.00	AT Par	14970.00		

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2	Description:- Providing four-feet long, 18/20 Watt LED fitting complete with all accessories and LED tube - The price shall cover for supply of 1 x 18/20-Watt LED batten fitting. The fixture shall be of CRCA channel finished with white polyester powder coating with high UV and corrosion resistance. The fixture shall be equipped with end caps, push fit type lamp holders and mains connector to directly fix 4 feet long LED tube. The LED lamp shall be of 18/20 Watt as per Western Railways' specification no. WR/CCG/ Specification/P/001 (Rev. 01) - 2018. The tube shall be of polycarbonate material. The entire fixture shall be of reputed quality and make. The price shall also cover for fixing testing and commissioning of the complete fitting at site by means of bracket made from GI flat of 25 x 3 mm with nuts, bolts and washers or on heavy duty, ISI marked PVC square box as per site requirement. Connection shall be given by means of 24/0.2 mm three-core flexible copper wire through connector and heavy-duty flexible PVC conduit. Removal of existing fittings along with brackets and handing over the same to the site in-charge is included in the scope of work.						
	3	30.00	Numbers	613.00	18390.00	AT Par	18390.00
3	Description:- Providing 15/18 Watt LED down lighter suitable for surface/recessed mounting as per site requirement - The price shall cover for supply, fixing, testing and commissioning of 15/18 Watt LED luminary operating on 230 Volt, 50 Hz AC supply. The fitting shall conform to Western Railways' specification no. WR/CCG/Specification/P/001 (Rev. 01) - 2018 and shall be of reputed quality and make. The fitting shall be of pressure die cast aluminum suitable for surface/recessed mounting with high efficiency Polycarbonate diffuser. Luminous flux - 2000 lumen, rated luminous efficacy - 110 lumen/Watt, CCT - 6500 deg K, Colour rendering index (CRI) - 80, SDCM - < 5, iTHD - < 10%, Power Factor - 0.95, Median useful life L70B50 @ Ta - 45° C 50,000 burning hours, surge protection level - 2.5 kV with aluminum die cast housing. The fitting shall be fixed at site by means of suitable size of GI Clamps/PVC block as decided by site engineer. The connection shall be given by means of 24/0.2 mm three-core flexible copper wire through proper connector. The fitting arrangement shall be as per the aesthetics of the room. Removal of existing fittings and handing over the same to the site engineer at his store is included in the scope of work.						
	4	5.00	Numbers	2043.00	10215.00	AT Par	10215.00
4	Description:- Providing LED mirror light fitting, 12 Watt - The price shall cover for supply, fixing, testing and commissioning of aesthetic type surface/ceiling mounted luminary for 12 Watt LED mirror light. The fixture shall conform to Western Railways' specification no. WR/CCG/Specification/P/001 (Rev. 01) - 2018. The fixture shall be of reputed quality and make. The fitting shall be got approved by the site engineer before supply and commissioning.						
	5	30.00	Numbers	2270.00	68100.00	AT Par	68100.00
5	Description:- Providing LED fitting 2 feet x 2 feet, 36/38 Watt recessed/surface mounted complete with all accessories - The price shall cover for supply, fixing, testing and commissioning of eco-friendly, maintenance free and energy efficient LED module, 2 feet x 2 feet of 36/38 Watt $\pm$ 3 Watt made from CRCA housing with high efficiency diffuser for full glow and constant current electronic driver suitable for 220 - 240 Volt, 50 Hz AC supply. The fitting shall conform to Western Railways' specification no. WR/CCG/Specification/P/001 (Rev. 01) - 2018 and shall be of reputed quality and make. The fitting shall be suitable for recessed/surface mounting arrangement. The fitting shall be fixed at site by means of suitable size of GI Clamps/PVC block as decided by site engineer. The connection shall be given by means of 24/0.2 mm three-core flexible copper wire through proper connector. The fitting arrangement shall be as per the aesthetics of the room. Removal of existing fittings and handing over the same to the site engineer at his store is included in the scope of work.						
	6	40.00	Numbers	2860.00	114400.00	AT Par	114400.00
6	Description:- Providing LED Street light luminary 35 - 45 Watt $\pm$ 10% complete with all accessories - The price shall cover for supply of 45-Watt $\pm$ 10% LED Street Light fitting made from pressure die-cast LM6/ADC12/LM24 housing with optimal heat sink for better thermal dissipation and toughened glass or UV stabilized polycarbonate cover with high transmission index for superior light output. The fitting shall be as per Western Railways' specification no. WR/CCG/Specification/P/001 (Rev-01)-2018 of reputed quality and make. The fitting shall be designed for IP: 65 class protection for pole/bracket mounting. The fitting shall be provided with special moisture proof vent. The fitting shall be of reputed quality and make. The price shall also cover for fixing, testing and commissioning of the above street light fitting on pole/truss/roof/wall by fabrication and supply of 'B' class G.I. pipe of required length, diameter and shape and fixed with M.S. clamps made from M.S. flat of 40 x 5 mm size duly painted with nut, bolts and washers of 12 mm diameter. The connection shall be carried out through ISI marked, PVC insulated, flexible three-core copper wire of size 24/0.20 mm from the existing overhead line/catenary/junction box as per site conditions. The connection cord shall be protected by suitable size of heavy-duty flexible PVC conduit. Removal of existing fittings along with pipe and clamps and handing over the same to the site in-charge is included in the scope of work.						
	7	20.00	Numbers	4153.00	83060.00	AT Par	83060.00
7	Description:- Supply, fixing, testing and commissioning of 70 Watt LED Street light fitting - The price shall cover for supply of energy efficient LED Area light/flood light luminary of 70 Watt capacity with luminous efficacy of 120 Lumen/Watt. The luminary shall be made from pressure die cast aluminium housing, toughened front glass cover, fitted with secondary optics, heat sink and integrated electronic driver for long life with IP: 66 protection suitable for working on 240 Volt, 50 Hz AC supply as per Western Railways' Specification No. WR/CCG/Specification/P/001 (Rev. 01) - 2018 or latest. The fitting shall be of reputed quality and make. The fitting shall be supplied with required length of three-core flexible copper wire of 24/0.20 mm and shall be fixed at site by means of suitable size of GI pipe and GI Clamps as decided by site engineer. Removal of existing fittings and handing over the same to the site engineer at his store is included in the scope of work.						
	8	20.00	Numbers	4755.00	95100.00	AT Par	95100.00
8	Description:- Supply, installation, testing and commissioning of four-feet, suspended linear light, IP-20 protection, 50 mm width with housing constructed of extruded aluminum - The price shall cover for supply, installation, testing and commissioning of four-feet suspended linear light with system lumen output of 2500 lumens @ 6500 deg K CCT and CRI - >80. The luminary shall be supplied with LED Driver with operating voltage range of 140 to 270 Volt AC, PF - >0.95, iTHD - <10% and 4 KV surge protection inbuilt inside the driver. The luminary should conform to Western Railways' Specification No. WR/CCG/ Specification/P/001 (Rev. 01) - 2018 or latest. The fitting shall be of reputed quality and make. The fitting shall be fixed at site by means of suitable size of GI Clamps/PVC block as decided by site engineer. The connection shall be given by means of 24/0.2 mm three-core flexible copper wire through proper connector as per site requirement. The fitting arrangement shall be as per the aesthetics of the room. Removal of existing fittings and handing over the same to the site engineer at his store is included in the scope of work.						
	9	800.00	Numbers	5949.00	4759200.00	AT Par	4759200.00
9	Description:- Supply, installation, testing and commissioning of Extruded Aluminium Linear LED luminary of rating IP: 54/65 - The price shall cover for supply, installation, testing and commissioning of Extruded Aluminium Linear LED luminary, IP 54/65 as per site condition (in case of indoor installation the fitting shall be IP 54 and in case of outdoor installation the fitting shall be IP 65) to be decided by railways. Depth of the luminary (without driver) should not be greater than 35 mm. The housing shall be constructed of extruded aluminum. System lumen output of 4000 lumens @ 6500 deg K, CCT and CRI - >80. The luminary shall be supplied with LED Driver with operating voltage 140 to 270 Volt AC, iTHD - <10%, P.F. - >0.95 and inbuilt 4 KV protection inside the driver. The luminary should conform to Western Railways' Specification No. WR/CCG/Specification/P/001 (Rev. 01) - 2018 or latest. The fitting shall be of reputed quality and make. The fitting shall be fixed at site by means of suitable size of GI Clamps/PVC block as decided by site engineer. The connection shall be given by means of 24/0.2 mm three-core flexible copper wire through proper connector as per site requirement. The fitting arrangement shall be as per the aesthetics of the room. Removal of existing fittings and handing over the same to the site engineer at his store is included in the scope of work.						
	10	50.00	Metre	903.00	45150.00	AT Par	45150.00
10	Description:- Providing LED profile light - The price shall cover for supply, installation, testing and commissioning of IP20 based LED Strip Light with highly efficient LED, Environment friendly without no UV and IR radiation, with High Operating temperature of - 20°C to 50°C. Average life L70B50 - 35,000 burning hours. Powered by an independent, isolated, SELV output, IP20 electronic LED driver. (SMPS based constant voltage supply) with Output Short-circuit protection, Surge Voltage protection and other safety test as per IS: 15885 (Part 2/Sec 13). The connection shall be given by means of 24/0.2 mm three-core flexible copper wire through proper connector as per site requirement. The fitting arrangement shall be as per the aesthetics of the room.						
	11	30.00	Numbers	13000.00	390000.00	AT Par	390000.00
11	Description:- Supply, fixing, testing and commissioning of energy efficient, LED post top luminary, 45 Watt with luminous efficacy of 100 Lumens/Watt, IP: 65/66 protection, complete with all accessories - The price shall cover for supply, fixing, testing and commissioning of outdoor type LED post top light fittings complete with all accessories on pole. The LED fixture shall have following design criteria - •Main Housing: Cast Aluminium metal in PU painted finish •LED: LM80 certified LED •Heat sink: Aluminium section. •Lumen maintenance: 50,000 Hrs @ L70 •Rated voltage & frequency: 240V, 50Hz AC •LED Make: Cree/Nichia/Osram/Lumileds/Philips Post top luminary shall confirm to model No. SLE PT 40W RIGEL of Surya or equivalent of HPL/Philips/CG/Bajaj/Wipro/Jaguar/Havells make. The make and model No. of the luminary shall be got approved from Sr. DEE (Power) BRC before supply. Post top luminary shall be mounted on powder coated, 'B' Class M.S. pipe of 75 mm diameter. The colour and shade shall be decided by Railways. The length of the pole shall be 3.5 meter above the ground level. Junction box for termination of incoming and outgoing cables on each pole shall be provided at a height of 300 mm from ground level. Holes shall be provided in the pipe to accommodate incoming and outgoing cables. The junction box shall be fitted with four-way heavy-duty connector, 15 Amp -1 No, MCB SP, 6 Amp -1 No and rubber gasket and grommets for proper sealing. The foundation having ratio of 1:2:4 of 0.125 cubic meter volume provided with partially threaded 4 No, 175 mm x 12 mm size MS bolt with nut grouted in foundation. Pole shall be fixed with foundation bolts of appropriate size. The connection to the luminary shall be carried out through ISI marked, PVC insulated, flexible, three-core copper wire of size 24/0.20 mm from the existing junction box.						

3. ITEM BREAKUP

No item break up added

4. ELIGIBILITY CONDITIONS

Standard Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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VADODARA DIVISION-ELECTRICAL/WESTERN RLY TENDER DOCUMENT

Tender No: BRC-EL-P-06-2482-26-27

Closing Date/Time: 17/06/2026 15:00

1	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 (Placed in General Condition), 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)
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Standard Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	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: Three similar works each costing not less than the amount equal to 30% of advertised value of the tender OR Two similar works each costing not less than the amount equal to 40% of advertised value of the tender OR One similar work costing not less than the amount equal to 60% of advertised value of the tender.	No	No	Allowed (Mandatory)
1.1	Definition of Similar Work :- Wiring/ Re-wiring in buildings with associated electrical works like control gear and protection arrangements in residential buildings or service buildings or railway stations/yards or colony/highway lightings. OR Lighting arrangement in buildings, circulating area, yard, street etc. with associated electrical works. OR Wiring/Rewiring, Lighting arrangement in buildings with associated electrical works.	No	No	Not Allowed

Bidders shall confirm and certify on the behalf of the tenderer including its constituents as under:

S.No.	Description
1	I/we the tenderer (s) am/are signing this document after carefully reading the contents.
2	I/We the tenderer(s) also accept all the conditions of the tender and have signed all the pages in confirmation thereof.
3	I/we hereby declare that I/we have downloaded the tender documents from Indian Railway website www.ireps.gov.in . I/we have verified the content of the document from the website and there is no addition, no deletion or no alteration to the content of the tender document. In case of any discrepancy noticed at any stage i.e. evaluation of tenders, execution of work or final payment of the contract, the master copy available with the railway Administration shall be final and binding upon me/us.
4	I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
5	I/We also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.
6	I/We declare that the information and documents submitted along with the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.
7	I/we certify that I/we the tenderer(s) is/are not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of submission of bids, either in individual capacity or as a HUF/ member of the partnership firm/LLP/JV/Society/Trust.
8	I/we understand that if the contents of the certificate submitted by us are found to be forged/false at any time during process for evaluation of tenders, it shall lead to forfeiture of the Bid Security and may also lead to any other action provided in the contract including banning of business for a period of upto two year. Further, I/we and all my/our constituents understand that my/our offer shall be summarily rejected.
9	I/we also understand that if the contents of the certificate submitted by us are found to be false/forged at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of Bid Security/Security Deposit and Performance guarantee and may also lead to any other action provided in the contract including banning of business for a period of upto two year.
10	I/We have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India and certify that I am/We are not from such a country or, if from such a country, have been registered with the competent Authority. I/We hereby certify that I/we fulfil all the requirements in this regard and am/are eligible to be considered (evidence of valid registration by the competent authority is enclosed)

Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc.

S.No.	Description
1	Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc. Please submit a certificate in the prescribed format (please download the format from the link given below). 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 Certification)

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)
2	Qualification and Eligibility criteria (affidavit based system of credential verification). (Authority - Railway Board's letters Nos. 2017/Trans/01/Policy dated 08.02.2018 and 2018/CE-I/CT/37/GCC/Policy dated 12.05.2020). "The tenderers shall submit a copy of certificate stating that they are not liable to be disqualified and all their statements/documents submitted along with bid are true and factual. Standard format of the Affidavit to be submitted by the bidder is enclosed as Annexure 'V' of IRGCC. Non submission of an affidavit by the bidder shall result in summary rejection of his/their bid. It shall be mandatorily incumbent upon the tenderer to identify, state and submit the supporting documents duly self attested by which they/he is qualifying the Qualifying Criteria mentioned in the Tender Document.	No	No	Allowed (Mandatory)
3	In terms of Railway Board's letter No. 2018/CE-I/CT/9 dated 04/06/2018, instructions as under - For all the tenders having advertised cost of Rs 10 Lakh or above, the contractor shall have the option to take payment from Railways through a letter of credit (LC) arrangement. This option of taking payment through Le arrangement has to be exercised in IREPS (Indian Railway Electronic Procurement System - the e-application on which tenders are called by Railways) by the tenderer at the time of bidding itself, and the tenderer shall affirm having read over and agreed to the terms and conditions of the LC option.	No	No	Not Allowed

General Instructions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	For the work tenders, it has been decided to adopt the affidavit-based system of credential verification. The tenderer shall submit along with the tender document, documents in support of his/their claim to fulfil the eligibility criteria as mentioned in the tender document. Each page of the copy of documents/certificates in support of credentials, submitted by the tenderer shall be self attested/digitally signed by the Tenderer or authorized representative of the tendering firm. Self-attestation shall include signature, stamp and date (on each page). Only those documents which are declared explicitly by the tenderer as "documents supporting the claim of qualifying the laid down eligibility criteria", will be considered for evaluating his/their tender.	No	No	Not Allowed
2	Work experience certificate from private individual shall not be considered. However, in addition to work experience certificates issued by any Govt. Organization, 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 atleast 5 years prior to the date of opening 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.	No	No	Not Allowed

Technical-Compliances

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

Tender No: BRC-EL-P-06-2482-26-27

Closing Date/Time: 17/06/2026 15:00

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tendering firm must have valid Electrical Contractor's License issued by the Government in their own name. A copy of the license shall be uploaded along with the tender offer, failing which the offer shall be summarily rejected. The license must be valid as on the date of opening of the tender. If the Electrical Contractor's License has expired as on the date of opening of tender, the license renewal documents must be uploaded along with the copy of the license.	No	No	Allowed (Mandatory)
2	Western Railways' Specifications for L.T. Panel, ACBS, MCCBs and MCBs are uploaded on IREPS portal in the list of documents. L.T. Panels and Switchgears covered in this tender shall be fabricated strictly according to these specifications.	No	No	Not Allowed

Custom

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderers shall submit a copy of certificate stating that they are not liable to be disqualified and all their statement/documents submitted along with bid are true and factual. Standard format of the affidavit to be submitted by bidder is enclosed as Annexure V of IRGCC. Non submission of a copy of affidavit by the bidder shall result in summarily rejection of his/their bid. It shall be mandatorily incumbent upon the tenderer to identify, state and submit the supporting documents duly self attested by which they/he are/is qualifying the Qualifying Criteria mentioned in the tender document.	No	No	Allowed (Mandatory)

6. Documents attached with tender

S.No.	Document Name	Document Description
1	TenderDocument-BRC-EL-P-06-2482-26-27NEWGCC.pdf	Tender Document
2	RailwayBoardsletterNo.2018_CE-I_CT_9dated04.06.18.pdf	Letter of Credit
3	2024_06_03InstructionforincorporatingtheJPOCircularetc_ProvisionsintheTenderDocumentforallworksrequiringdiggingworksclosetoRly1.pdf	JPO Circular for cable laying
4	BankGuaranteeverification.pdf	Bank Guarantee Letter
5	TechSpecsofEnergyEfficientLEDBasedLuminaire.pdf	LED Specs
6	WesternRailwaysSpecificationsforACBLTPanelsMCCBbandMCB.pdf	Western Railway s Specifications for ACB, LT Panels, MCCB and MCB

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: PRADEEP MEENA

Designation : Sr.DEE/power