



PRASAR BHARATI
(INDIA'S PUBLIC SERVICE BROADCASTER)
OFFICE OF THE EXECUTIVE ENGINEER (ELECT.)
CIVIL CONSTRUCTION WING: AKASHVANI
1st FLOOR, AKASHVANI, MUMBAI - 400 020.



Tel. 022-20821161

E-mail - ccwelect.airmum@nic.in

No. EE(E)/MUM/CCW/NIT-016/2024-25/AWARD/ 247

Dated:- 08/07/2024

To,

M/s. Nitin Enterprise.

Opp Sahyog Building, Shop No.3,
Municipal Shopping Center,
Dhebar Road, Rajkot Gujarat - 360001.

Name of Work: - Supply, Installation, Testing and Commissioning of LT Panel SDB and associated works for 20 kW FM Transmitter Akashvani Bhuj (DD Site).

NIT No. **016/EDM/MUM-II/2024-25**

Ref : 1. This office letter of acceptance of your tender issued vide no.

EE(E)/MUM/CCW/NIT-016/2024-25/PG/245 dated 04/07/2024.

2. A/C No. 2203501000074033/379 of the Karur Vysya Bank Ltd, Rajkot Branch, for Rs.38, 830=00 from 05/07/2024 due date 05/07/2025 as PG deposited by you in the office of EE(E), CCW, AIR, Mumbai.

Dear Sir (S),

1. You are requested to contact the Assistant Engineer (E), CCW, AIR, Mumbai for taking possession of site and commencement of work.
2. You are requested to attend this office to complete the formal agreement within fifteen days from the date of issue of this letter.

Yours Faithfully,

Executive Engineer (Elect)
For & on behalf of President of India



AKASHVANI, PRASAR BHARATI

Schedule of Bid

NIT No: 017/EDM/MUM-II/2024-25

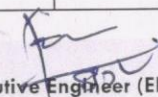
Name Of Work :- Supply, Installation, Testing and Commissioning of LT Panel SDB and associated works for 20 kW FM Transmitter Akashvani Bhuj (DD Site)

NAME OF THE CONTRACTOR/FIRM		NITIN ENTERPRISE			
S. No	Description of Item	Quantity	Unit	Rate	Amount
1	Fabrication, supply, Installation testing & commissioning of Electrical control panel of cubical construction, floor mounted type, fabricated out of 2mm thick CRCA sheet, compartmentalised with hinged lockable doors, dust and vermin proof, powder coated of approved shade after 7 tank treatment process, cable alley, interconnection with suitable size copper conductor cable/solid copper strip, having switchgears and accessories, mountings and internal wiring, earth terminals, numbering etc. complete in all respect, i/c 400 Amp aluminium bus bar as per CPWD specification with following in coming and Outgoings, suitable for operation on 415V, 3 phase, 50Hz Ac Supply with enclosure protection class IP 42 as required (Main LT Panel)	1	Each	187569.00	187569.00
	Incomer				
	Surge Protector				
	160 Amp TPN MCCB With Microprocessor Release--2 Nos with electrical and mechanical interlock system				
	2 A SP MCBs--3 Nos for metering				
	Multifunctional digital meter with required CTs				
	R-Y-B Indicators--1 set				
	Out Going				
	100 Amp TPN MCCB-- 3 Nos				
	63 Amp TPN MCB--2 Nos				
	20 Amps SPN MCB-- 7 Nos				
2	Fabrication, supply, Installation testing & commissioning of Electrical control panel of cubical construction, floor mounted type, fabricated out of 2mm thick CRCA sheet, compartmentalised with hinged lockable doors, dust and vermin proof, powder coated of approved shade after 7 tank treatment process, cable alley, interconnection with suitable size copper conductor cable/solid copper strip, having switchgears and accessories, mountings and internal wiring, earth terminals, numbering etc. complete in all respect, i/c 300 Amp aluminium bus bar as per CPWD specification with following in coming and Outgoings, suitable for operation on 415V, 3 phase, 50Hz Ac Supply with enclosure protection class IP 42 as required (Essential Supply Panel)	1	Each	129548.00	129548.00
	Incomer				
	100 Amp TPN MCCB--1 No				
	2 A SP MCBs--3 Nos for metering				
	Multifunctional digital meter with required CTs				
	R-Y-B Indicators--1 set				
	Out Going				
	125 Amp TPN MCCB-- 1 No				
	100 Amp TPN MCCB-- 1 No				
	32 Amp TPN MCB--2 Nos				
	20 Amps SPN MCB-- 5 Nos				

NAME OF THE CONTRACTOR/FIRM		NITIN ENTERPRISE			
S. No	Description of Item	Quantity	Unit	Rate	Amount
3	Fabrication, supply, installation testing & commissioning of Electrical control panel of cubical construction, floor mounted type, fabricated out of 2mm thick CRCA sheet, compartmentalised with hinged lockable doors, dust and vermin proof, powder coated of approved shade after 7 tank treatment process, cable alley, interconnection with suitable size copper conductor cable/solid copper strip, having switchgears and accessories, mountings and internal wiring, earth terminals, numbering etc. complete in all respect, i/c 300 Amp aluminium bus bar as per CPWD specification with following in coming and Outgoings, suitable for operation on 415V, 3 phase, 50Hz Ac Supply with enclosure protection class IP 42 as required (Sub Distribution Panel)	1	Each	62693.00	62693.00
	Incomer				
	100 Amp TPN MCCB				
	2 A SP MCBs--3 Nos for metering				
	Multifunctional digital meter with required CTs				
	R-Y-B Indicators				
	Out Going				
	63 Amps "D" curve TPN MCB--3 Nos				
	16 Amps SPN MCB--2 Nos				
	6 Amps SPN MCB-- 4 Nos				
4	Removal and Dismantling existing LT Panel equipments and handing over the dismantled items to the site in charge. This item includes dismantling, disassembly, transfer of the equipments/ items safely to place assigned by site in charge. Bidder is advised to visit the site to study the quantum of work for this item before quoting	1	Job	22113.00	22,113.00
5	Supplying and fixing of 3½ x 120 Sqmm Aluminium armoured XLPE power cable of 1.1 KV grade conforming to IS:7098 (Pt-1)1988 on wall surface clamped with 25/40x3mm MS flat clamp as required	10	Metre	2089.00	20,890.00
6	Supplying & Laying of 3½ x 120 Sqmm Aluminium armoured XLPE power cable of 1.1 KV grade conforming to IS:7098 (Pt-1)1988 in the existing masonry open duct as required.	30	Metre	1993.00	59,790.00
7	Supplying and Laying of 3½ x 120 sqmm XLPE power cable of 1.1 KV grade conforming to IS:7098 (Pt-1)1988 in the existing RCC/ HUME/ METAL pipe as required	60	Metre	2008.00	1,20,480.00
8	Supplying and Laying of 4 X 6 sqmm copper un armoured PVC insulated and PVC sheathed power cable of 1.1 KV grade confirming to IS:694:1990 in the existing masonry open duct/PVC Trunking/Conduit etc as required (For 4 TR AC Units)	30	Metre	589.00	17,670.00
9	Supplying and Laying of 3 X 6 sqmm copper un armoured PVC insulated and PVC sheathed power cable of 1.1 KV grade confirming to IS:694:1990 in the existing masonry open duct/PVC Trunking/Conduit etc as required (For 2 TR AC Units)	50	Metre	455.00	22,750.00
10	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top along with 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required (For 2 TR AC Units)	6	Each	1724.00	10,344.00
11	Supplying and fixing 30 A, 415 V, TPN Industrial type socket outlet, with 4 pole and earth, metal enclosed plug top along with 30 A "C" curve, TPMCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	2	Each	4367.00	8,734.00
12	Supplying and fixing of 32 mm Dia medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. (For 2 TR and 4 TR AC cables)	80	Metre	196.00	15,680.00

NAME OF THE CONTRACTOR/FIRM			NITIN ENTERPRISE		
S. No	Description of Item	Quantity	Unit	Rate	Amount
13	Supplying and making end termination with brass compression gland (45 mm) and aluminium lugs for 3½ x 120 sqmm XLPE power cable of 1.1 KV grade as required	4	Set	652.00	2,608.00
14	Supplying and making end termination with Nylon PG gland for 4 x 6 sq. mm/3 x 6 Sq. mm of copper un armoured PVC insulated and PVC sheathed power cable of 1.1 KV grade as required	16	Each	226.00	3,616.00
15	Supplying and drawing 1 x 6 Sq. mm FRLS PVC insulated copper conductor, single core cable on surface or in recess for loop earthing along with existing surface/ recessed conduit/ sub main wiring/ cable as required (Along with 3½ x 120 sqmm PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade cable)	200	Meter	122.00	24400.00
16	Supplying, installation and testing of maintenance free earthing comprising of Electrode of 17.2 mm diameter Low Carbon Steel with 250-micron molecular copper bonded earthing rod of Length 3m along with 25 kg Carbon based environment friendly back fill ground enhancing compound required to fill up the excavated earth with required quantity complete, and recording the results. (2 Nos for LT Panel, 2 Nos for DG set Neutral and 2 Nos for DG set Body earthing)	6	Set	16290.00	97740.00
17	Providing and fixing 25 mm X 5 mm copper strip in 40 mm Dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	30	Metre	1649.00	49470.00
18	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	45	Metre	1236.00	55620.00
19	Providing and fixing earth bus of 50 mm X 5 mm copper strip on surface for connections etc. as required	1	Meter	2247.00	2247.00
				Total	913962.00

NAME OF THE CONTRACTOR/FIRM			NITIN ENTERPRISE		
Sr.No	Name of Component	Estimated cost (in Rs)	Above or Below or at Par	% In Figures	Total Cost
1	2	4	5	6.00	7
1	Supply, Installation, Testing and Commissioning of LT Panel SDB and associated works for 20 kW FM Transmitter Akashvani Bhuj (DD Site)	913962.00	BELOW	15.03	₹ 7,76,594.00
Total Amount					₹ 7,76,594.00


Executive Engineer (Elect)