



नव मंगलूर पत्तन प्राधिकरण
NEW MANGALORE PORT AUTHORITY
यांत्रिक अभियंता विभाग
Mechanical Engineering Department
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No. 8/3/2023/Ele. Dvn/ETS.II/08/02

Date: 18.08.2023

To,

Sir,

Sub: -NMPA-EE (E) - "Supply and laying of LT UG cable to Ring Well Pump House near Meenakaliya Circle, NMPA" - Quotation invited - Reg.

Quotation in sealed covers superscribed as "Supply and laying of LT UG cable to Ring Well Pump House near Meenakaliya Circle, NMPA" invited in accordance with the instructions to the Tendered Terms & Conditions as detailed below, may please be submitted addressed to "**The Executive Engineer (Elec.), Electrical Division, Administration Building, New Mangalore Port Authority, Panambur, Mangalore-575010**" not later than **3.00 PM on or before 25.08.2023**. Quotation will be opened on the same day at 3.30 PM in the presence of the tenderers who wish to be present.

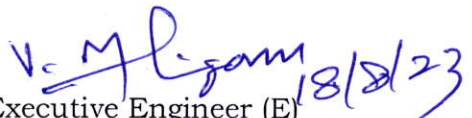
SL No.	Description of work	Qty	Rate Rs.	Rate in words	Amount Rs.
1	Supplying of 1.1 KV LT Aluminium UG cable XLPE insulated, PVC extruded inner sheath armoured UG LT cable as per IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms as per IS-3975. a) 3.5 core 50 sq.mm (As per Technical Specification - Annexure I)	110 mtrs			
2	Labour charges for laying of following size 1.1KV class XLPE UG cable/on wall/GI Pipe as required etc., complete, a) 3.5 core 50 sq.mm	110 mtrs			
3	Earth work excavation for cable trench of 0.5 to 0.75 mtr width and depth up to 1 Mtr including trial pits, depositing on bank up to a lead of 50 Mtr. a) Hard soil	60 CMT			
4	Refilling the cable trenches with selected available earth from trench excavation including watering, consolidation in layers of 15 cm.	60 CMT			

	Thickness including depositing of the surplus earth with a lead of 200 Mtr				
5	Cutting of Road surface for cable trenches and disposing of the excavated earth, as directed including Barricading, then refilling the cable. a) Tar Road	2.7 CMT			
6	Supplying and laying of RCC pipe NP3 for culverts including pointing ends and fixing collars with cement mortar 1:2 including cost of materials, labour, curing HOM complete as per specifications. No. KSRB 1000, 2300. a) 300 mm dia	10 Mtr			
7	Supplying and laying Double walled corrugated (DWC) HDPE pipe as per IS 14930 part II with necessary connecting sockets, couplings, Tees, bends End-caps of same materials in existing trench/duct/pole/wall/ structure/ on black stone wall with SS saddles with necessary clamps, screws etc. complete as required for drawing the cable. a) 63mm OD and 50mm ID	100 Mtr			
8	Supplying and installing of cable route marker made up of RCC Block of size 100cm (H) x 50 cm (W) x 6 cm (D) indicating Embossed text as "NMP LT Cable↑" with yellow paint and red colour letters and fixing with cement concrete.	3 Nos.			
9	Supplying and making end terminations of cable with suitable glands, crimping the lugs with supply, fixing of all required hardware's complete. a) 3.5 core 50 sq.mm	1 No.			
10	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 CMT and fine aggregates @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. Thick, well compacted, for coping including cost of all materials, labour, HOM, curing complete as per specifications. No. KBS 4.1,4.2	2.7 CMT			
11	Supplying L.T. Epoxy Terminating Kit suitable for 1.1 KV class UG cable complete with terminals, clamps, bolts, nuts and washers etc. a) 3.5Cx 50 Sq.mm	1 No.			
12	Fixing of L.T. Epoxy Terminating Kit suitable for 1.1 KV class UG cable complete with terminals, clamps, bolts, nuts and washers	LS			
	Total				
	Applicable GST				
	Grand Total				

TERMS & CONDITIONS:

1. The rate quoted for the items shall be firm and F.O.R destination basis. Please note that NMPA is not issuing any concessional C or D forms.
2. The Tenderer shall submit Valid Electrical Contractor License and GST Registration Certificate along with their offer, without which the offer will be rejected.
3. Applicable GST will be paid as extra as per actual.
4. The time allowed for Supply and laying of LT UG cable to Ring Well Pump House near Meenakaliya Circle, NMPA is **30 days** from the date of issue of work order.
5. Please note that no advance payment will be made. But payment will be made within 15 days after satisfactory completion of Work.
6. Offer shall be submitted in NMPA format only along with Terms & Conditions of Enquiry. Offer submitted in other format will not be considered for evaluation and liable for rejection.
7. The Tenderers should quote their rates in figures as well as in words the amount tendered by them. The amount per each item should be worked out and requisite total should be given. All rates shall be quoted in proper form in the tender schedule enclosed. The rates quoted should be valid for **90 days**.
8. The LT Cable to be supplied should conform to the Technical Specifications (Annexure -I) and standards of IS.
9. The carried out work shall have one year guarantee period from the date of handing over after satisfactory completion of work.
10. The Tenderer shall be responsible for making good of all the damages done during the work and has to employ skilled & competent workers for carrying out the work.
11. The Tenderer shall be responsible for taking precautionary measures for the safety of the workman working under them and the responsibility arising due to any mishap during the execution of work, the payment of any compensation etc., lies entirely on the part of the Contractor.
12. No tools, plant, Labour, equipment, transport, etc., required for the work will be supplied departmentally and contractor has to make his own arrangements.
13. The evaluation shall be done on the basis of total lowest value (L1) quoted. The GST element if any will not be considered for evaluation.
14. The acceptance of the tender will rest with competent authority of NMPA who does not bind himself to accept the lowest tender and reserves to himself the authority to reject any or all of the tenders received without assigning any reason.
15. LIQUIDATED DAMAGES:
 - i. In case of delay in completion of the contract, liquidated damages (L.D) may be levied at the rate of 0.5% of the contract price plus applicable GST per week of delay, or part thereof subject to a maximum of 10 per cent of the contract price.

16. Department standard operating procedure will be shared with the successful bidder before commencing the work and an undertaking will be obtained for complying with the same. In case if the Contractor does have a defined SOP for carrying out the work, the same shall be scrutinized and approved by the Executive Engineer (E)-I for its applicability.
17. If the Tenderer after award of work/contract fail to execute the work in the specified allotted period, then the Tenderer shall be debarred for a period of three (3) years from participating for tenders at New Mangalore Port Authority.


Executive Engineer (E)
Electrical Division, NMPA

Seal and sign of Tenderer

Annexure - I

Technical specifications of LT UG Cable

Description	Remarks
Voltage Rating	1.1KV grade
Working Voltage	415V TPN system
Frequency	50Hz
Type of Earthing	Solidly Grounded
No. of Cores / Size Required	3.5C x 50 Sq.mm
Core Colours	Red-Yellow-Blue for Phase and Black for Neutral
Conductor Material	Stranded Aluminum, IS 8130/1984 with latest amendments
Type of Insulation	XLPE
Laying of core	Right hand lay for outer most layer cables, successive layers in opposite layers
Inner sheath type	As per IS: 5831-1984 with latest amendments
Armouring	Galvanised steel wire / Taped
Outer sheath type	As per IS: 5831-1984 with latest amendments
Embossing of cable make, Size of cables, Running length in meters	Required as per relevant IS
Type Test Certificate	Required as per IS
Routine Test Certificate	Required as per IS
Acceptance Test	Required

Note: The cable to be embossed the length on every running meter and on each meter length on the outer sheath, year of Manufacture conforming to **IS:7098 part-I for XLPE cable.**