

BHARAT SANCHAR NIGAM LIMITED**भारत संचार निगम लिमिटेड**

(A Govt. of India Enterprise)

(भारत सरकार का उपक्रम)

O/o Executive Engineer (E), Electrical Division, 1st Floor Block No. 35 Kasumpati Shimla-171009

कार्यालय आधिशापी अभियंता (विदुत) भारत संचार निगम लिमिटेड ब्लॉक न. ३५ शिमला

No:-69/EE/E/BSNL/ED./SML/16-17/10

Dated:- 06-04-2016

QUOTATION

To

1. M/s R.R. Electrical Co. Vill & PO Kotkawala ,Teh. & Distt Kangra (HP).
2. M/s Hydraulic Engineering Co. Hospital Road Solan.
3. M/s. G.S. Electrical Works Vill & P.O. Amb, Distt., Una (HP).
4. M/s MERCO,Air-conditioning & Refrigeration Engineers,52-C,R-Block,Dilshad Garden,Delhi-95.
5. M/s Goel Electric Works, 80-P, Road, Ferozepur
6. M/s. Perfect Engineers,7-Doaba Market,Opp-Bus Stand,17,Parkash Nagar,Jalandhar-03
7. M/s. Sharma Electrical Co,House No-199,Ward No.6,Hamirpur(H.P).
- 8 M/s Gopal Krishan Contractor,.1310, Sector -50B, progressive Society , Chandigarh.
9. M/s. Ravindra Enterprises,Opposite Petrol Pump ,Main Bazar Ner Chowk Mandi
10. M/s. Kumar Electric Co., Rajput Sabha Bhawan, Old Bus Stand, Distt Kangra,1716001 (H.P)

The Executive engineer (Elect) BSNL, Electrical, Division, 1st Floor Block No.35 Kasumpati Shimla-171009 invites the sealed quotation for the work name mentioned above. The quotations must reached on **11-04-2016** up 15.00 Hrs.at this office & will be opened on the same day at 15.30 Hrs. The nature of job and quantum of work has been explained in the schedule given below.

Name of Work: - Provision of Tower Earthing and Aviation Light at various BTS Sites Phase-VII Project at Matan Sidh						
S.No.	Description of Items	Qty.		Rate	Unit	Amount
1	2	3			4	5
	SUB HEAD-I (Tower Earthing)					
1	SITC of 2 nos. Maintenance free Chemical earth stations with minimum 1800mm long, 17 mm (nominal size) copper bonded rod for each station (minimum 250 micron copper cladding), along with 60 kg GEL or soil improvement materials SIM for each earth station i/c provision of 25mmx3mm size copper strip of not less than 2mtr. for interconnection between earth stations & 2nos. adjustable clamps with clamping hardware i/c providing enclosure with cover having locking arrangement for each earth station, excavation, refilling and testing etc as required as per detailed specifications attached.	2	Jobs		Job	
2	Providing and laying G.I. tape 32 mm X 6 mm from earth electrode directly in ground as required.	30	Meters		Meter	
3	Providing and fixing aluminium strip 25 mm X 3 mm thick with heat shrinkable insulating sleeve on suitable size of SMC insulator along the length of tower for lightning conductor i/c nuts & bolts etc. complete as required.(For vertical run)	40	Meters		Meter	
4	Providing and fixing 40 mm (1.25 inch) dia PVC pipe suitable for 6 Kg. pressure to be laid from 0.5 meter below ground level to 2 meter above ground level for existing lightning conductor strip complete as required.	2.5	Meters		Meter	
TOTAL for SH-I						

Continued P-2

EE/E/BSNL/ED/NIQ/(1/3)

dated 06-04-2016

**Name of Work: - Provision of Tower Earthing and Aviation Light at various BTS Sites Phase-VII
Project at Matan Sidh**

S.No.	Description of Items	Qty.		Rate	Unit	Amount
	SUB HEAD-II (Aviation Lighting)					
1	SITC of 1 no. Solar Powered Aviation red coloured LED Light, Type A (confirming to ICAO) complete with minimum 12V 7 AH sealed maintenance free battery and minimum 8W Solar Panel, Solar Charge Controller, Dusk to Dawn inbuilt Switch, fully assembled in one unit with IP 65 protection, ready for mounting on the existing tower a/w suitable mounting clamps interconnection testing etc. as required as per detailed specifications attached.	1	Job		Job	
2	S/F 1.00 sqmm 2 core PVC insulated PVC round sheathed ISI marked copper conductor (flexible) cable on surface/ along the length of tower with suitable laying/tagging arrangement from aviation light to container/room i/c provision of ISI marked 5A 2/3 pin plug top at incoming complete with interconnections, testing all as required. (For 40 meter Tower height and balance upto container)	50	Mtr		Mtr	
	TOTAL for SH-II					
	SUB HEAD-I (Tower Earthing)					
	SUB HEAD-II(Aviation Lighting)					
	TOTAL					

Note:-

- 1 The work shall be done as per the specification of department.
2. The work shall be supervised by the qualified Engineer-in-charge or his duly authorized representative at the site of work.
3. The layout of the work will be given by the Engineer-in-charge or his duly authorized representative at the site of work.
4. Any damage done to the building by the contractor during the execution of work shall be made good by the contractor at his risk and cost, if the damage are not made good by the contractor in reasonable time determine by the Engineer-in-charge the same will be got done at his cost departmentally after serving notice to him.
5. No extra payment will be made for any kind of transportation.
- 6 The rates quoted should be inclusive of all taxes & duties i/c service tax . Nothing extra will be paid on this account
- 7.. Time allowed for completion of work shall be **7 Days** from the date of actual handing over

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Executive Engineer (Elect)