

eProcurement System Government of India

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Created Date/Time: 14-Aug-2023 12:39 PM

Tender Title: Improvement of Road Safety through providing Metal Beam Crash Barriers and Street Lights of road safety measures from Km.35/000 to Km.70/000 of NH-326A in the State of Odisha.

Tender ID: 2023_MORTH_760192_1

Tender Inviting Authority: Executive Engineer, National Highway Division, Paralakhemundi

Name of Work: Improvement of Road Safety through providing metal beam crash barriers and street lights of road safety measures from km

Contract No: 06815 222097

SCHEDULE OF WORK / ITEM(S)									
Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	RKH Constructions Pvt Ltd(GSTN-NA)		KAPILASH INFRASOL PROJECT PRIVATE LIMITED(GSTN-NA)		L1 Vendor
					Rate	Amount	Rate	Amount	
1.00	Providing and erecting 9 mtr Octagonal pole having base dia 175mm and top dia 70mm with pole sheet thickness of 3 mm or more suitable for fixing of 1 no. 45 W or more 'All in One' Solar street lights made in India complete having 325 Wp Poly cristaline or 180 WP Mono Crystalline Panel, 80 Ah (+-3%),12.8 V LiFePO4 battery of initial lumen output of >10000 lumens as per LM 79 report of third party NABL Lab to achieve the Lux level of 40 lux as per IRC:SP:84-2014 or more on the road. The Solar lighting system must be warranties for a period of 5 years and complete as per attached Technical note and direction of Engineer-in-charge.	43.00	Nos	104406.40	90098.00	3874214.00	91000.00	3913000.00	RKH Constructions Pvt Ltd
1.01	At Built up area / vulnerable area @ 30.00 Mtrs interval								
2.00	Earth work in excavation of foundation in hard soil for Light posts at Minor Junctions and Street light for Built up area as per approved drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling the excavation earth to the extent required and utilising the remaining earth locally for road work as per clause 304 and other relevant sections/clauses of specification for road & bridge works of Ministry of Road Transport & Highways (5th revision) including cost of all materials, labour, T&P, taxes, labour welfare cess, royalty etc complete in all respect as per direction of the Engineer-in- Charge.								
2.01	For Light post at Minor Junctions and Street light for Built up area/ vulnerable area	15.48	Cum	175.61	175.61	2718.44	160.00	2476.80	KAPILASH INFRASOL PROJECT PRIVATE LIMITED

3.00	Providing and laying Plain Cement Concrete M-15 nominal mix in foundation of Light posts at Minor Junctions and Street light for Built up area with 40 mm to 10mm nominal size crushed stone aggregate mechanically mixed, placed in foundation and compacted by vibration including curbing as per Drawing and Technical Specifications and as per Section 1500, 1700 & 2100 and other relevant sections/clauses of specification for road & bridge works of Ministry of Road Transport & Highways (5th revision) including cost of all materials, labour, T&P, taxes, labour welfare cess, royalty etc complete in all respect as per direction of the Engineer-in-Charge.	16.41	Cum	5713.16	5713.16	93747.24	5000.00	82045.00	82045.00	KAPILASH INFRASOL PROJECT PRIVATE LIMITED
3.01	For Light post at Minor Junctions and Street light for Built up area/ vulnerable area									
4.00	Supplying, cutting, bending, binding, straightening, placing HYSD bars in Foundation/Sub-structure /Super-structure conforming to grade I.S 1786-1985 as per drawing and technical specification and as per section No.900, 1000, 1600,2100,2200 & 2300 of Specifications for Road and Bridge works of Ministry of Road Transport & Highways(5th Revision) & including cost of all materials, labour, labour welfare cess, T&P, taxes, royalty etc. complete in all respect and as per direction of the Engineer-in-charge.									
4.01	For Light post at Minor Junctions and Street light for Built up area/ vulnerable area	1.29	MT	108021.60	108021.60	139347.86	94000.00	121260.00	121260.00	KAPILASH INFRASOL PROJECT PRIVATE LIMITED
5.00	Providing and erecting a "THRIE" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 85 cm above road/ ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5mm spaced 2 m centre to centre, 2.0 m high, 1.15 m below ground level, all steel parts and fittings to be galvanised by hot dip process, all fittings to conform to IS: 1367 and IS: 1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5mm, 546mm long complete as per clause 810 of Specifications for Road and Bridge works of Ministry of Road Transport & Highways(5th Revision) & including cost of all materials, labour, labour welfare cess, T&P, taxes, royalty etc. complete in all respect and as per direction of the Engineer-in-charge.									
5.01	For Installation of "Thrie" metal beam crash barriers on curve & vulnerable locations	564.00	Rmt	4666.26	4198.00	2367672.00	4600.00	2594400.00	2367672.00	RKH Constructions Pvt Ltd

