

SCHEDULD B

OKHA NAGAR PALIKA -OKHA

Name of work: Providing high mast tower in various area of okha nagar palika at okha under 14th financial plan year 2019-20 (dist: devbhoomi dwarka))

QTY	UNIT	SR	ITEM OF WORK	SOR RATE	1% LABOUR CESS	NET RATE	PER	AMOUNT
80	MTRS	1	MAINS WITH 1.1 KV GRADE FRLS PVC INSULATED ISI MARKED STRANDED COPPER CONDUCTOR WIRE IN EXISTING PIPE ERECTED WITH 2.5 SQ. MM COPPER CONDUCTOR FRLS PVC INSULATED STRANDED WIRE OF GREEN COLOUR FOR EARTH CONTINUITY OF FOLLOWING SIZE.	240	2.4	242.4	MTR	19392
			(E) IN EXISTING PIPE					
			(H) 4 WIRE 6 SQ.MM (SOR IT.NO 1-4-2)					
40	NOS	2	APPROVED MAKE STREET LIGHT LUMINAIRE WITH ONE NO SUITABLE FO RHPSV /MH LAMP COMPLETE WITH CONTROL GEAR AND ACCESSORIES SINGLE PEICE DIE CAST ALUMINIUM HOUSING WITH TOW COMPARTMENTS DULY STOVE ENAMELED PAINTED SIDE REFLECTOR PROTECTIVE GLASS COVER, SYNTHETIC FELT GASKET, NECESSARY HARDWAR. THE FITTING SHOULD BE SUITABLE FOR SIDE ENTRY HAVING SUITABLE SOCKET BORE FOR CLAMPING COMPLETE ERECTED. (D) WITH 400 WATT SVL./METAL HALIDE LAMP CAT.III (SOR IT. NO. 2-9-	9000	90	9090	NO	363600
4	NOS	3	APPROVED MAKE FOUR POLE MOULDED CASE CIRCUIT BREAKER HAVING BREAKING CAPACITY ICU OF 25 K.A. AT 415 V, HAVING NORMAL CURRENT RATING UP TO 25A TO 100A WITH FIXED THERMAL & MAGNETIC RELEASE SUITABLE TO WORK ON A.C. SUPPLY 50C/S WITH ALL INTERNAL CONNECTIONS & COMPLETE ERECTED IN 16 G.M.S. HOUSING ICS=100% OF ICU ONLY CAT III (SOR IT. NO. 3-4-1)	6790	67.9	6857.9	NO	27431.6
4	NOS	4	FOR USING SALT AND CHRCOAL/COKE AS REQUIRED FOR PIPE TYPE EARTHING. (SOR 3-14-6-C)	200	2	202	NO	808
4	NOS	5	CAST IRON EARTH PLATE SIZE 30X30X0.35 CMS. BURRIED IN SPECIALLY PREPERED 2.5 MTR. DEEP EARTH PIT COMPLETE WITH NECESSARY G.I. STRIP IN G.I. PIPE 2 MTR. LONG WITH COUPLING AND G.I. PLUG FOR EARTHING OF SWITCH GEAR, CONDUIT RUN OR POWER PLUG ETC. (SOR 3-14-15)	800	8	808	NO	3232
400	MTRS	6	PROVIDING AND ERECTING XLPE (IS:7098)(I)-88 ISI ARMoured CABLE MULTISTRAND COPPER CONDUCTOR FOR 1.1 KV. TO BE LAID ON WALL WITH NECESSARY CLAMPS OR IN EXISTING TRENCH/PIPE AT ROAD CROSSING OR FLOOR OF FOLLOWING SIZE OF CABLES. (SOR 4-4-4D)	950	9.5	959.5	MTR	383800

400	MTRS	7	MAKING TRENCH IN SOFT SOIL OF SUITABLE WIDTH OF 90 CMS DEEP FOR LAYING CABLE OR LOCATING THE FAULT ALL OVER THE RUN AND BACKFILLING THE SAME AND MAKING THE SURFACE AS NORMAL GROUND. (SOR 4-5-1)	45	0.45	45.45	MTR	18180
400	MTR	8	PROVIDING & LAYING DOUBLE WALLED CORRUGATED PIPES (DWC) OF POLYETHYLENE (CONFORMING TO IS 14930 II) WITH NECESSARY CONNECTING ACCESSORIES OF SAME MATERIAL AT REQUIRED DEPTH FOR LAYING OF CABLE. BELOW GROUND/ROAD SURFACE FOR ENCLOSING CABLE AND BACK FILLING THE SAME TO MAKE GROUND AS PER ORIGINAL. (B) 90MM DIA. (SOR 4-	215	2.15	217.15	MTR	86860
6	NOS	9	PROVIDING AND FIXING HEAVY DUTY FLANGE TYPE BRASS CABLE GLAND WITH RUBBER RING FOR PVC INSULATED ARMoured CABLE COMPLETE WITH OUT GOING TAILS, INSULATING TAPE ETC FOR FOLLOWING SIZE OF CABLES. (E)2 TO 4 CORE 16 SQ.MM. (SOR IT.NO.4-6-1-E)	50	0.5	50.5	NO	303
8	NOS	10	SOLDERLESS CRIMPING TYPE COPPER LUGS CONFORMING TO IS SUITABLE FOR CABLE OF FOLLOWING SIZE EVENLY CRIMPED WITH HIGH PRESSURE TOOL & CONNECTED TO SWITCHGEAR TERMINALS WITH BRASS / CADMIUM PLATED NUT BOLTS IN AN APPROVED MANNER (C) 16 SQ.MM. (SOR IT. NO. 4-7-2-C)	12	0.12	12.12	NO	96.96
2	NOS	11	SUPPLYING ERECTING TESTING COMMISSIONING M.S. POLYGONAL HIGH MAST POLE HAVING FOLLOWING GENERAL SPECIFICATION (A) POLYGONAL SECTION FABRICATED FROM MS PLATE CONFIRMSBSEN 10025 & HOT DEEP GALVANISED MINIMUM 65/86 MICRON (AS PER IS 01461) LANTERN CARRIAGE WITHRING AND RUBBER LINES FOR ERECTION OF LUNIMARES OF SUITABLE SITE. (B) DOUBLE DRUM GREAR MOTERISED WINCH WITH 6MM DIA SS ROD (FOR 16 MTR AND ABOVE SIZE) (D) APPROVED MAKE LED AVIATION LIGHT= 1 NO. LIGHTING ARRESTOR = 1 NO. WITH NECESSARY WIRING OF 2.5 SQ.MM 5 CORE ISI COPPER CABLE UNARMoured. (E) BOTTOM MOST SECTION SUITABLE FOR MOUNTING REVERSIBLE MOTOR AND SWTCHGEARS HAVING DOOR NOT MORE THAN 1400MM X 300MM WITH WATERPROOF GASKET & HIGES & LOCKING ARRANGEMENT. (F) POLE STRUCTURE COMPRISES SUITABLE SIZE OF REVERSIBLE MOTOR CABLE AND NECESSARY SWITCHGEARS. (G) BOTOM SECTION SHALL HAVE SUITABLE SIZE OF THICKNESS SUPPORTS RIBS FOUNDATION BOLTS NUTS ETC	215480	2154.8	217634.8	NO	435269.6

			(H) ITEM NOT COMPRISES THE COST OF LANTERNS.(I) NECESSARY CEMENT CONCRETE FOUNDATION AS PER IS INCLUDING TESTING & COMMISSIONING OF THE ENTIRE STRUCTURE FOR FOLLOWING SIZE OF HIGH MAST POLES (CAT II) (3) HIGH MAST 16 MTR. TOP A/F 150MM BOTTOM A/F 400 MM NO.OF SEC.NO.-2 BOTOM THICKNESS- 4MM TOP SEC-3MM SIZE BASE PLATE- 630 X 16 FOUNDATION BOLT SIZE M24 X 870 QTY 12 NOS SUITABLE FOR MOUNTING FITTING OFLIGHT - 10 NOS. (SOR IT. NO 6-8-1)					
2	NOS	12	<p>Supplying, erecting, testing, commissioning M.S. Polygonal High Mast Pole having following general Specification.</p> <p>(a) Polygonal Section fabricated from M.S. Plate confirms BSEN 10025 & Hot deep galvanised minimum 65/86 micron (as per IS 01461) Lantern carriage with ring and rubber lines for erection of lunimares of suitable site.</p> <p>(b) Maximum telescopic section not more than four</p> <p>(c) Double drum gear pipe moterised winch with 6mm dia S.S. Rod (For 16 mtr and above size)</p> <p>(d) Approved make L.E.D. aviation light = 1 No. Lighting arrestor = 1 No. with necessary wiring of 2.5 sq.mm 5 core ISI copper cable unarmoured.</p> <p>(e) Bottom most section suitable for mounting reversible motor and switchgears having door not more than 1400mm x 300mm with waterproof gasket & higes & locking arrangement.</p> <p>(f) Pole structure comprises suitable size of reversible motor, cable and necessary switchgears.</p>	165540	1655.4	167195.4	NO	334390.8
			<p>(g) bottom section shall have suitable size of thickness supports ribs foundation bolts nuts etc.</p> <p>(h) Item not comprises the cost of lanterns.</p> <p>(i) Necessary Cement Concrete foundation as per IS including testing & commissioning of the entire structure for following size of High Mast poles [CAT.II] [1] High Mast 12 Mtr. TOP A/F 105 Mm, BOTTOM A/F 360 Mm, No. of Sec. No. - 1, Bottom Thickness - 3 mm, Size Base Plate - 520 x 16, Foundation Bolt Size M24 x 850, Qty - 6 Nos., Suitable for mounting Fitting of Light - 6 Nos.(SOR IT. NO 6-8-1)</p>					
4	NOS	13	PROVIDING AND ERECTING AC-3 DUTY 3 POLE POWER CONTACTOR WITH 2 NO & 2 NC AUX CONTACTS COMPLETE WITH 415V/220V OPERATING COIL SUITABLE FOR (L&T,BCH T.C. SIEMENS C&S MAKE) (B) FOR 40 A RATING (SOR IT.NO.9-1-5-1 (B).	4660	46.6	4706.6	NO	18826.4

4	NOS	14	SUPPLYING & ERECTING APPROVED MAKE DIGITAL TIME SWITCH HAVING LITHIUM CELL 6 YEARS OPERATIVE AND OPERATE BATTERY BACKUP 1 CHANNEL DAY CLOCK WITH 14 MEMORY PROGRAMME SUITABLE TO OPERATE ON 240V + 5% 16A WITH FLOATING CONTACTS MINIMUM SWITCHING SETUP TIME 1 MINIMUM & LCD DISPLAY. ALSO COMPORISED PERMANENT ON/OFF SWITCHING. PROGRAMMING SWITCHES & HOUSED IN FIRE PROOF THERMOPLASTIC ENCLOSURE & TRANSPERENT COVER ERECTED AS REQUIRED WITH NECESSARY CONNECTION ERECTED AS DIRECTED. (SOR IT. NO. 6-7-2)	3700	37	3737	NO	14948
						TOTAL		1707138.36
						SAY RS.		1707100