

Office Of Municipal Council Kotma, Distt.- Anuppur(M.P.)

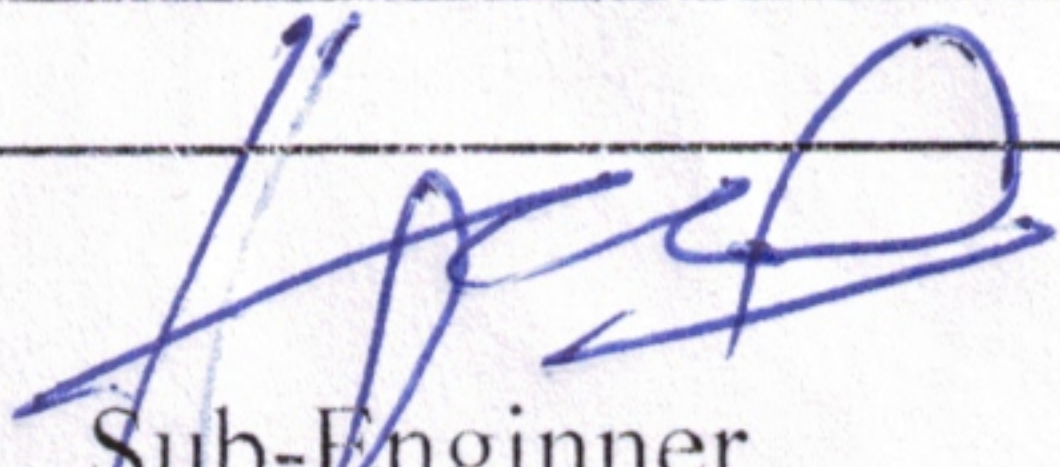
Name Of Work -: High Mast

Place:-


Estimated Cost:-

(S.O.R. M.P.U.A.D. Wef. 02-08-2021)

S.N	Particulars	No.	L	B	H/D	QTY	Rate	Unit	Amount
1	NIV-16.2 PROVIDING AND ERECTION OF 16 METER HIGH MAST LIGHTING SYSTEM SUITABLE TO INSTALL UPTO 10 NO. 150 W LED FLOOD LIGHT AND CONTROL GEAR WITH INTEGRAL POWER TOOL, WEIGHT 450 KG. COMPRISING OF 2 SECTIONS OF HOT DIPPED GALVANIZED MATERIALS AS PER BSEN ISO 1461 THICKNESS 3 MM & 4 MM, DIA 150MM & 360MM FOR TOP AND BOTTOM RESPECTIVELY, STRESS FITTING ARRANGEMENT ON SITE WITH 500 MM OVERLAP DYNAMIC LOAD ING TO WITHSTAND MAX WIND PRESSURE AS PER - IS 875 PART III, PARAMETERS FOR STRUCTURAL & FOUNDATION DESIGN MUST BE TAKEN FROM WIND TU NNEL TEST. LIGHTNING PROTECTION OF GI SINGLE SPIKE 1200 MM AT TOP AND AT BASE INSIDE COMPARTMENT HAVING DOUBLE INTERNAL LOCK WITH AD EQUATE SIZE OF MCB ERECTED ON PVC BOARD COMPLETE WITH BASE PLATE OF 25MM THICK 520 MM DIA. AND FOUNDATION BOLTS HAVING 6 NOS. BOLTS OF 24MM DIA 750 MM LONG (EN.8 GRADE) ANCHOR PLATE 445 PCD, INCLUDING ACCESSORIES VIZ. (1) LANTERN CARRIAGE OF 50 NB ERW CLASS-B, MS PIPE COVERED WITH PVC SLEEVE SUITABLE TO CARRY 500KG. LOAD AND UPTO 8 FITTINGS SYMMETRICALLY. (2) TRAILING COPPER CABLE 5X2.5 SQ.MM, PVC INSULATED PVC SHEATHED (3) DOUBLE DRUM 350KG WINCH HAVING GEAR 53:1, OIL BATH (SAE90/140) ARRANGEMENT (4) 2 NOS. STAINLESS STEE L WIRE ROPES 5 MM DIA (7/19) BREAKING LOAD CAPACITY 1450 KG X 2, (5) INTEGRAL POWER	10				10.00	245646.00	EA	2456460.00
2	NIV-16.6 DESIGNING & CASTING OF OPEN RAFT SHALLOW FOOTING FOUNDATION WITH M-20 CEMENT CONCRETE SUITABLE FOR 16MTRS. HIGH MAST CONSIDERING TH E SAFE SOIL BEARING CAPACITY AT SITE AS 10 T/SQM AT 2MTRS. DEPTH INCLUDING EXCAVATION, FOUNDATION NUT BOLTS IN AN APPROVED MANNER."	10				10.00	30691.00	EA	306910.00
3	NIV-14.1.5@ 50 SQ.MM(XLPE) UNARMoured 3½ CORE-"SUPPLY OF XLPE INSULATED POWER CABLE (CONFORMING IS-7098) 1100 VOLT GRADE/HEAVY DUTY POWER CABLE CONFORMING TO IS 1554-1100 VOLTS GRADE , 2 CORE /3½ CORE/4 COREISI MARKED WITH ALU. STRANDED /SOLID CONDUCTOR. UNARMoured 3½ CORE"	1	1000			1000.00	197.00	M	197000.00
4	NIV-11.4 EARTHING WITH COPPER EARTH PLATE 600MM X 600MM X 3MM THICK INCLUDING ACCESSORIES AND PROVIDING MASONARY ENCLOSER IN CEMENT MORTOR, COVER PLATE HAVING LOCKING ARRANGMENT ON THE TOP AND G.I. WATERING PIPE 20MM DIA 2.7 METER LONG ETC. (BUT WITHOUT CHARCOAL OR COKE A ND SALT) COMPLETE AS REQUIRED."	10				10.00	7064.00	EA	70640.00
5	NIV-11.5 ADD EXTRA FOR USING SALT AND CHARCOAL / COKE FOR G.I. PLATE OR COPPER PLATE EARTH ELECTRODE AS REQUIRED INCLUDING EXCAVATION & REFI LLING."	10				10.00	485.00	EA	4850.00
6	NIV-8.7(1) 4 WAY (8+12)-"SUPPLYING OF APPROVED MAKE VERTICAL TPN MCB DB METAL DOUBLE DOOR WITH PROVISION FOR FP CB/ISOLATOR/RCCB/RCBO AS INCOME R AND SP/TP MCBS AS OUTGOING INCLUSIVE OF BUSBAR, NEUTRAL BAR, EARTH BAR & TWO EARTH TERMINALS ETC. COMPLETE AS PER IS:13032 (EXCLUSIVE OF MCB & ISOLATOR)"	10				10.00	3319.00	EA	33190.00
7	NIV-8.4.4(4) 100 AMPS. FOUR POLE-"SUPPLYING OF MCB ISOLATORS SUITABLE FOR 240/415 VOLTS, 50 HZ AC SUPPLY WITH KA VALUE RATING 10 KA OF APPROVED M AKE CONFIRMING TO IS :13947-PART III : 1993 & IEC :60947- 3:2001 (WITHOUT ENCLOSURES) :- FOUR POLE"	10				10.00	727.00	EA	7270.00
8	NIV-14.10(1) LAYING OF ONE NUMBER PVC INSLUATED AND PVC SHEATED POWER CABLE OF 1.1KV GRADE OF SIZE NOT EXCEEDING 25 SQ.MM DIRECT IN GROUND INCLU DING EXCAVATION, SAND CUSHIOING, PROTECTIVE COVERING AND REFILLING THE PIT ETC. AS REQUIRED. CABLE LAYING	1	1200			1200.00	150.00	M	180000.00
						Total			3256320.00
						GST 18%			586137.60
						Grant Total			3842457.60


Sub-Engineer

Municipal Council Kotma
Distt.-Anuppur (M.P.)


Chif Municipal Officer
Municipal Council Kotma
Distt.-Anuppur (M.P.)