NABARD-RIDF XXI- Construction of Regulator Cum Bridge across Kuppam River at Kooveri-Kattampally in Chapparapadavu Panchayath, Kannur District- Electrification

works

Detailed Estimate

(Dsor year: 2016,Cost Index Applied for this estimate is 32.04%)

	Description	No	L	В	D	CF	Quantity	Remark		
			1 Powe	r wiring						
1	90.14.1.2 Fabrication, supply, coand vermin proof, cub complying to IS 8623. assembly as per form 4 and requirement, with compartments, earthing for mounting meters, rechamber and cable alled CRCA sheet alone be fabrication of panel assemble panel board including panel board including panel board sheet, p	cicle type M tof IS 8623 front and re the doors to elays, indicately, powder of the sembly. The coartitions, for	IV panel boation of fully (with latest ar access fausing 4 sq mation lamps, coating the are fabrication emeasurme olding, shrounds).	ard comprise partitioned amendment acility, bus but are bus bar intensembly aft. Angles/ flaints will be tauding etc. Su	sing of the d, dust and ts) using Cloar chamber copper conduction er subjectinuts/ slotted a aken the are upply and fa	following covermin processors, hinged do uctor, providetc, detaching to 7 tank pangles etc sea of the co	omponents/ of enclosure as per appro- doors for all siding necessarable covers process etc and the unique to the u	devices & e for panel eved design switch gear ary cut-outs for bus bar as required. Itself for the ets used for the		
	90.14.1.2	10		in ol	01		10.000			
		thor En	ginogri	na Orac	Tota	al Quantity	10.000 sq	m		
	Other Engineering Organisations Total Deducted Quantity 0.000 sqm									
			2		Net Tota	Quantity	10.000 sq	m		
			Say	10.000 sqm	@ Rs 2379	0.16 / sqm	Rs 23	791.60		
2	90.14.4 Supply and fabrication	conveyance	and installa	ation of base	frame of n	anal baard i	icina 75 v 40			
	steel channel (ISMC)			morr or bacc	mame or pr	anei boaiu t	ising 75 x 40) mm rolled		
	90.14.4	3.5			Traine of po	ariei board (3.500) mm rolled		
	· · ·	3.5		alon of bacc		al Quantity	_			
	· · ·	3.5				al Quantity	3.500	re		
	· · ·	3.5			Tota	al Quantity	3.500 3.500 met	re		
	· · ·	3.5			Tota tal Deducte Net Tota	al Quantity d Quantity al Quantity	3.500 met 0.000 met 3.500 met	re		
3	· · ·	and fixing 47 suitable A (Ics=100	Say 3 the following for 440 V %Icu), 3 pol	To 3.500 metre ng types & , 50 Hz, A0 e, current li	Total Deducte Net Total @ Rs 954.7 current ra C supply in mitting type	al Quantity d Quantity al Quantity 77 / metre ted control the existir MCCB with	3.500 met 0.000 met 3.500 met Rs 33	re re 841.69 witchgears		

					Tota	I Quantity	1.000 no	
				То	tal Deducte	d Quantity	0.000 no	
					Net Tota	l Quantity	1.000 no	
			S	ay 1.000 no	@ Rs 1309	98.15 / no	Rs 13	098.15
4	2.2.2 Providing and fixir board including d KA,TPMCCB	•	· ·	• .			ŭ	•
	2.2.2	1					1.000	
					Tota	I Quantity	1.000 eac	:h
			10-	То	tal Deducte	d Quantity	0.000 eac	:h
			A	19	Net Tota	I Quantity	1.000 eac	:h
5	90.14.11.17	6	Say	1.000 each	@ Rs 4770.	61 / each	Rs 4	770.61
	MCCB Accessories	Supply and fixin	ng kastel inte	erlock kit up	to 250A.		I	
	90.14.11.17	2			7 J.D		2.000	
		4800			Tota	I Quantity	2.000 no	
			La Dine	То	tal Deducte	d Quantity	0.000 no	
		Other En	gineeri	ng Orga	Net Tota	Quantity	2.000 no	
		DI		Say 2.000 r	no @ Rs 302	21.81 / no	Rs 6	043.62
6	90.14.11.6 MCCB Accessories	Supply and fixir	ng 250 - 400.	A earth faul	module of	MCCB with	builtin CBC	Т.
	90.14.11.6	1					1.000	
					Tota	l Quantity	1.000 no	
				То	tal Deducte	d Quantity	0.000 no	
					Net Tota	I Quantity	1.000 no	
				Say 1.000 r	no @ Rs 690)2.73 / no	Rs 69	902.73
7	90.14.11.13 MCCB Accessorie interlock) in the 6				ternal type	(including	BUC handl	e with doo
	90.14.11.13	2					2.000	
					Tota	I Quantity	2.000 no	
				То	tal Deducte	d Quantity	0.000 no	
					Net Tota	I Quantity	2.000 no	
				Say 2.000 r	no @ Rs 185	56.12 / no	Rs 3	712.24

	2.10.4 Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit brea suitable for inductive load of following poles in the existing MCB DB complete with connections, test and commissioning etc. as required. Triple pole									
	2.10.4	6	ed. Triple po				6.000			
			1	-	Tot	al Quantity	6.000 ead	:h		
				To	otal Deducte	ed Quantity	0.000 ead	:h		
					Net Tot	al Quantity	6.000 eac	:h		
			Sa	y 6.000 eac	h @ Rs 924	.28 / each	Rs 5545.68			
9	2.10.5 Supplying and fixing suitable for inductive and commissioning	e load of follow	wing poles i	n the existin	g MCB DB	•				
	2.10.5	2	13 6	(b) 54	1		2.000			
		-(+)			Tot	al Quantity	2.000 ead	h		
		16	IDE	To	otal Deducte	ed Quantity	0.000 ead	ch		
	Net Total Quantity 2.000 each									
			Say	2.000 each	@ Rs 1176	.48 / each	Rs 2	352.96		
10	2.10.3									
	suitable for inductive and commissioning		wing poles i	n the existin						
	suitable for inductiv	e load of follo	wing poles i	n the existin						
	suitable for inductive and commissioning	e load of follo	wing poles i	n the existin	g MCB DB		1.000 eac	ons, tes		
	suitable for inductive and commissioning	e load of follo	wing poles i	n the existin	g MCB DB	complete w	1.000	ons, tes		
	suitable for inductive and commissioning	e load of follo	wing poles i	n the existing ole	Tototal Deducte	al Quantity ad Quantity al Quantity	1.000 1.000 eac 0.000 eac 1.000 eac	ch		
	suitable for inductive and commissioning	e load of follo	wing poles i	n the existin	Tototal Deducte	al Quantity ad Quantity al Quantity	1.000 1.000 eac 0.000 eac 1.000 eac	ons, test		
11	suitable for inductive and commissioning	re load of follow g etc. as require 1	wing poles i ed.Double p	the existing old	Tototal Deducter Net Tototh @ Rs 611	al Quantity ad Quantity al Quantity al Quantity .35 / each	1.000 1.000 eac 0.000 eac 1.000 eac Rs 6	ch ch ch		
11	suitable for inductive and commissioning 2.10.3 90.14.2.2 Supply and providing and commissioning 2.10.3	re load of follow g etc. as require 1	wing poles i ed.Double p	the existing old	Tototal Deducter Net Tototh @ Rs 611	al Quantity ad Quantity al Quantity al Quantity .35 / each	1.000 1.000 eac 0.000 eac 1.000 eac Rs 6	ch ch ch		
11	suitable for inductive and commissioning 2.10.3 90.14.2.2 Supply and providing required nut & bolt	re load of follow g etc. as require 1	wing poles i ed.Double p	the existing old	Tototal Deducte Net Tototh @ Rs 611	al Quantity ad Quantity al Quantity al Quantity .35 / each	1.000 1.000 eac 0.000 eac 1.000 eac Rs 6	ch ch st1.35		
11	suitable for inductive and commissioning 2.10.3 90.14.2.2 Supply and providing required nut & bolt	re load of follow g etc. as require 1	wing poles i ed.Double p	y 1.000 eac	Tototal Deducte Net Tototh @ Rs 611	al Quantity al Quantity al Quantity .35 / each	1.000 1.000 eac 0.000 eac 1.000 eac Rs 6	ch c		
11	suitable for inductive and commissioning 2.10.3 90.14.2.2 Supply and providing required nut & bolt	re load of follow g etc. as require 1	wing poles i ed.Double p	y 1.000 eac	Tototal Deducte Net Tototal William Us intercontate Tototal Deducte	al Quantity al Quantity al Quantity .35 / each	1.000 1.000 eac 0.000 eac 1.000 eac Rs 6 minations e	ch c		
11	suitable for inductive and commissioning 2.10.3 90.14.2.2 Supply and providing required nut & bolt	re load of follow g etc. as require 1	sheet as shr	y 1.000 eac	Tototal Deducted Net Deducted Net Deducted Net Deducted Net Deducted Net Deducted Net Deducte	al Quantity al Quantity al Quantity as / each al Quantity al Quantity al Quantity al Quantity	1.000 1.000 eac 0.000 eac 1.000 eac 1.000 eac 0.600 0.600 sqr 0.600 sqr	ch c		

	90.14.3.3	15					15.000	
					Tota	al Quantity	15.000 me	etre
				To	tal Deducte	d Quantity	0.000 met	re
					Net Tota	al Quantity	15.000 me	etre
			Say	15.000 me	tre @ Rs 4.3	32 / metre	Rs 6	64.80
13	90.14.6 Supply and providing suitable size nut & bol						rts in the bu	s cham
	90.14.6	800	0	0			800.000	
			1190		Tota	al Quantity	800.000 C	um cm
		_	6.2 1	To	tal Deducte	d Quantity	0.000 Cur	n cm
		619	N. B	55 X	Net Tota	al Quantity	800.000 C	um cm
		18	Say 800.0	00 Cum cm	@ Rs 6.00	/ Cum cm	Rs 48	300.00
14	90.14.7 Supply and providing copper earth bus in the panel board							
	90.14.7	250	M. Com	in Di Pari			250.000	
	C	ther Er	ngineeri	ng Orga	anisa Te ta	al Quantity	250.000 C	um cm
				To	tal Deducte	d Quantity	0.000 Cur	n cm
		\mathbf{P}_{-}	K		Net Tota	al Quantity	250.000 C	um cm
	-		Say 250.0	00 Cum cm	@ Rs 6.00	/ Cum cm	Rs 15	00.00
15	od19117/2019_2020 Supply and installation	of LED indi	cator (R,Y,B) in the exist	ting panel bo	pard and giv	ving connect	ion
	od19117/2019_2020	3					3.000	
					Tota	al Quantity	3.000 Day	•
				То	tal Deducte	d Quantity	0.000 Day	•
					Net Tota	al Quantity	3.000 Day	,
			S	ay 3.000 Da	ay @ Rs 223	3.73 / Day	Rs 6	71.19
	od19118/2019_2020	n of digital	multi functi	on meter (\	/,A,F) in the	e existing p	panel board	and giv
16	Supply and installatio connection	n or digital	ı		ı	ı		
16		1 or digital					1.000	
16	connection				Tota	al Quantity	1.000 1.000 eac	h

						Net Tota	al Quantity	1.000 eac	:h	
				Say	1.000 each	@ Rs 1797	.96 / each	Rs 1	797.96	
17	od19119/2019_20 Supply and install		f 2A 'C' cu	rve SP MCE	3 in the exist	ing panel bo	pard and giv	ving connect	ion.	
	od19119/2019_20	020	3					3.000		
						Tota	al Quantity	3.000 eac	:h	
					To	otal Deducte	d Quantity	0.000 eac	:h	
						Net Tota	al Quantity	3.000 each		
		.22 / each	Rs 7	89.66						
	Supply, laying ar cable, 1.1 KV gra not exceeding 60 factory made clar	ade of the	he followir naking goo	ng sizes usi	ng clamps n	oted along	with the cal	bles, spacin ed.3 core 6	g of clan	
	90.12.7.13		350	130		74.	-10	350.000	1	
		-4	11			43	al Quantity	350.000 n		
					10	tal Deducte	d Quantity	0.000 met	tre	
					1000			050.000		
				005	0.000		al Quantity	350.000 n		
10	00.42.7.29	Ot	her En	Say 35	0.000 metre		61 / metre		netre '063.50	
19	90.12.7.28 Supply, laying ar cable, 1.1 KV grant exceeding 60 with factory made	ade of t	he followir	no. PVC ing sizes usi	ng Organsulated an	@ Rs 191.0	61 / metre	Rs 67	7063.50 nium pov	
19	Supply, laying ar cable, 1.1 KV gra not exceeding 60	ade of t	he followir	no. PVC ing sizes usi	ng Organsulated an	@ Rs 191.0	61 / metre	Rs 67	'063.50 nium pov	
19	Supply, laying ar cable, 1.1 KV gra not exceeding 60 with factory made	ade of t	he followir naking god	no. PVC ing sizes usi	ng Organsulated an	@ Rs 191.0	61 / metre	Rs 67 oured aluminoles, spacinired.3.5 core	nium pov g of clan e 35 sq r	
19	Supply, laying ar cable, 1.1 KV gra not exceeding 60 with factory made	ade of t	he followir naking god	no. PVC ing sizes usi	nsulated aning clamps n	@ Rs 191.0	athed armo with the cal etc. as requi	Rs 67 pured aluminoles, spacinired.3.5 core	nium pov g of clan e 35 sq r	
19	Supply, laying ar cable, 1.1 KV gra not exceeding 60 with factory made	ade of t	he followir naking god	no. PVC ing sizes usi	nsulated aning clamps n	@ Rs 191.0 d PVC sheatoted along r washing e	athed armo with the cal etc. as requi	Rs 67 oured aluminoles, spacinired.3.5 core 15.000	nium pov g of clan e 35 sq r etre	
19	Supply, laying ar cable, 1.1 KV gra not exceeding 60 with factory made	ade of t	he followir naking god	no. PVC in ng sizes usion the dama	nsulated aning clamps n	@ Rs 191.0 d PVC sheatoted along r washing extended the control of	athed armo with the catetc. as required Quantity and Quantity and Quantity	Rs 67 Foured aluminoles, spacinified.3.5 core 15.000 15.000 me 15.000 me	nium pov g of clan e 35 sq r etre	
20	Supply, laying ar cable, 1.1 KV gra not exceeding 60 with factory made	nd clan	he followir making god 5 15 nping of 1 he followir	no. PVC in ng sizes using the dama	nsulated and ages ages ages. To solve the sol	@ Rs 191.0 d PVC sheated along r washing extended along total Deducte Net Total @ Rs 363.0 d PVC sheated along	athed armo with the call al Quantity al Quantity al Quantity al Quantity at the call at the darmo with the darmo with the call at the darmo with the d	Rs 67 oured aluminoles, spacinored.3.5 core 15.000 15.000 me 15.000 me Rs 56 oured aluminoles, spacinoles, spacino	rium poving of clame 35 sq rium poving of clame 455.35	
	Supply, laying ar cable, 1.1 KV grant exceeding 60 with factory made 90.12.7.28 90.12.7.30 Supply, laying ar cable, 1.1 KV gra	nd clan	he followir making god 5 15 nping of 1 he followir	no. PVC in ng sizes using the dama	nsulated and ages ages ages. To solve the sol	@ Rs 191.0 d PVC sheated along r washing extended along total Deducte Net Total @ Rs 363.0 d PVC sheated along	athed armo with the call al Quantity al Quantity al Quantity al Quantity at the call at the darmo with the darmo with the call at the darmo with the d	Rs 67 oured aluminoles, spacinored.3.5 core 15.000 15.000 me 15.000 me Rs 56 oured aluminoles, spacinoles, spacino	rium poving of clame 35 sq rium poving of clame 455.35	
	Supply, laying ar cable, 1.1 KV granot exceeding 60 with factory made 90.12.7.28 90.12.7.30 Supply, laying ar cable, 1.1 KV granot exceeding 60	nd clan	ne followir making god 5 15 nping of 1 he followir making god	no. PVC in ng sizes using the dama	nsulated and ages ages ages. To solve the sol	@ Rs 191.0 d PVC sheated along r washing extended along Met Tota @ Rs 363.0 d PVC sheated along r washing extended along r washing extended along	athed armo with the call al Quantity al Quantity al Quantity al Quantity at the call at the darmo with the darmo with the call at the darmo with the d	Rs 67 oured aluminoles, spacinored.3.5 core 15.000 15.000 met 15.000 met	nium pove g of clame a 35 sq retreetreetreetre 455.35	

					Net Total Qua	antity	5.000 met	re	
			Say s	5.000 metre	@ Rs 565.41 / m	etre	Rs 28	327.05	
21	90.12.1.40 Supply & laying of one number PVC insulated and PVC sheathed armoured aluminium power cable 1.1KV grade of the following sizes in ground including excavation of trench of size 35 x 75 cm, refillir the trench etc. as required but excluding sand cushioning and protective covering (in ordinary soil).4 co 10 sq mm								
	90.12.1.40	150					150.000		
					Total Qua	antity	150.000 m	netre	
				То	tal Deducted Qua	antity	0.000 met	re	
			-		Net Total Qua	antity	150.000 n	netre	
			Say 150	0.000 metre	@ Rs 359.12 / m	etre	Rs 53	868.00	
		ade of the followin Ocms, making good mp 75	T 1 7 27 37 37		LL 79. B		•		
	0011211110			in of \$2	Total Qua	antity	75.000 me	etre	
		Other En	oinoori	no OnTo	tal Deducted Qua		0.000 met		
			gmeen	ing Orga	Net Total Qua	antity	75.000 me	etre	
		PI	Say 7	5.000 metre	@ Rs 227.61 / m	etre	Rs 17	070.75	
23	size of PVC ins	naking end termina sulated and PVC sq. mm (22mm)	sheathed /	•	•		_		
	9.1.7	12						i e	
		12					12.000		
		12			Total Qua	antity	12.000 12.000 se	t	
		12		То	Total Qua			t	
		12			tal Deducted Qua	antity	12.000 set 0.000 set 12.000 se	t	
24	size of PVC ins	naking end termina sulated and PVC o sq. mm (25mm)	ation with b sheathed /	Say 12.000 s	tal Deducted Qua Net Total Qua set @ Rs 225.79 /	antity antity / set	12.000 set 0.000 set 12.000 se Rs 27	t 709.48 or follow	
24	Supplying and making size of PVC ins	naking end termina sulated and PVC	ation with b sheathed /	Say 12.000 s	tal Deducted Qua Net Total Qua set @ Rs 225.79 /	antity antity / set	12.000 set 0.000 set 12.000 se Rs 27	t 709.48 or followi	

				To	tal Deducted	Quantity	0.000 set	
				10	Net Total	<u> </u>	18.000 set	
				201.40.000	set @ Rs 268			824.72
25	size of PVC ins	naking end termin sulated and PVC (35 sq. mm (32n	nation with br	rass compre	ession gland	and alumi	nium lugs f	or following
	9.1.21	2					2.000	
					Total	Quantity	2.000 set	
				То	tal Deducted	Quantity	0.000 set	
			0	0	Net Total	Quantity	2.000 set	
			Rs 7	44.70				
		sulated and PVC 70 sq. mm (38n 2		T.E. E GIGI	30114		2.000	- g. a a o a
		100			Total	Quantity	2.000 set	
			Vibrain Bain	То	tal Deducted		0.000 set	
		Other En	igineerii			10	2.000 set	
27	4.1.2	P	R	Say 2.000 s	set @ Rs 520		Rs 1	040.48
	than 17.5%, in	estalling following s convenient section uding bolts & nuts	ons, joined	with conne	ctors, suspe	nded from	the ceilin	
		SS			c as required	.150 mm v	width X 50 i	_
	4.1.2	50			c as required	.150 mm v	50.000	_
	4.1.2					Quantity		mm depth >
	4.1.2			То		Quantity	50.000	etre
	4.1.2			То	Total	Quantity Quantity	50.000 50.000 m	etre
	4.1.2		Say 50		Total tal Deducted	Quantity Quantity Quantity	50.000 m 50.000 m 0.000 me 50.000 m	etre
28	4.1.3 Supplying and ir than 17.5%, in	nstalling following s convenient section uding bolts & nuts	size of perfor	0.000 metre ated pre-pa with conne	Total tal Deducted Net Total @ Rs 518.92 inted M.S. ca	Quantity Quantity Quantity 2 / metre ble trays winded from	50.000 m 0.000 me 50.000 m Rs 25	etre tre etre 6946.00 on not more g with M.S

30 5.13 Prov. G.I.	thing with G.I. ear sonry enclosure with twithout charcoal/state without charcoal/state without and laying earth equired.	th cover plat coke and sa	o mm X 60 te having lo	50.000 metre 00 mm X 6 rocking arranguired. To Say 5.000 s earth electronnection wit	Total Deducted Rs 473 Set @ Rs 473 Ode with 4.00 th copper the	al Quantity 38 / metre cluding acc watering pip al Quantity al Quantity al Quantity 30.99 / set 0 mm dia co imble exca	5.000 5.000 set 0.000 set 5.000 set Rs 236	dproviding re long etc
Bart mas (but 5.3 30 5.13 Prov G.I. requ	thing with G.I. ear sonry enclosure with twithout charcoal/state without charcoal/state without and laying earth equired.	earth connected to the	o mm X 60 te having lo	Say 5.000 s earth electro	Total Deducted Rs 473 Set @ Rs 473 Ode with 4.00 th copper the	38 / metre cluding acc watering pip al Quantity ad Quantity al Quantity 30.99 / set 0 mm dia co imble exca	Rs 303 essories, and the of 2.7 metro of 2.7 metro of 2.7 metro of 2.000 set 0.000 set	dproviding re long etc
Bart mas (but 5.3 30 5.13 Prov G.I. requ	thing with G.I. ear sonry enclosure with twithout charcoal/state without charcoal/state without and laying earth equired.	earth connected to the	o mm X 60 te having lo	Say 5.000 s earth electro	Total Deducte Net Total Dede with 4.00 th copper the	cluding acc watering pip al Quantity ad Quantity al Quantity 30.99 / set 0 mm dia contimble excal	5.000 set 5.000 set 5.000 set 7.000 set 7.000 set 8.000 set 8.000 set 9.000 set 1.000	dproviding re long etc 654.95 15mm di e-filling a
Bart mas (but 5.3 30 5.13 Prov G.I. requ	thing with G.I. ear sonry enclosure with twithout charcoal/state without charcoal/state without and laying earth equired.	earth connected to the	ction from cluding co	Say 5.000 s earth electro	Total Deducte Net Total Set @ Rs 473 Ode with 4.00 th copper the	al Quantity al Quantity al Quantity 30.99 / set 0 mm dia contimities exca	5.000 5.000 set 0.000 set 5.000 set Rs 236 Experimental set of the	654.95 15mm dia
30 5.13 Prov G.I. requ	3 viding and laying e . pipe from earth e uired. 3	earth connected in the state of	cluding co	Say 5.000 s earth electro nnection wit	otal Deducte Net Total Set @ Rs 473 ode with 4.00 th copper the	ed Quantity al Quantity 30.99 / set 0 mm dia contimble excal	5.000 set 0.000 set 5.000 set Rs 236 ppper wire in vation and re 30.000	15mm di e-filling a
Prov G.I. requ 5.13	viding and laying e . pipe from earth e uired. 3	electrode in	cluding co	Say 5.000 s earth electro nnection wit	otal Deducte Net Total Set @ Rs 473 ode with 4.00 th copper the	ed Quantity al Quantity 30.99 / set 0 mm dia contimble excal	0.000 set 5.000 set Rs 236 opper wire in vation and re 30.000	15mm di e-filling a
Prov G.I. requ 5.13	viding and laying e . pipe from earth e uired. 3	electrode in	cluding co	Say 5.000 s earth electro nnection wit	Net Totoset @ Rs 473 ode with 4.00 th copper the	al Quantity 30.99 / set 0 mm dia contimble excal	5.000 set Rs 236 Opper wire in vation and re 30.000	15mm di e-filling a
Prov G.I. requ 5.13	viding and laying e . pipe from earth e uired. 3	electrode in	cluding co	earth electro	set @ Rs 473 ode with 4.00 th copper th	30.99 / set O mm dia contimble excantile	Rs 236 opper wire in vation and re	15mm di e-filling a
Prov G.I. requ 5.13	viding and laying e . pipe from earth e uired. 3	electrode in	cluding co	earth electro	ode with 4.00 th copper th	0 mm dia co iimble exca al Quantity	opper wire in vation and re	15mm di e-filling a
Prov G.I. requ 5.13	viding and laying e . pipe from earth e uired. 3	electrode in	cluding co	nnection wit	th copper th	al Quantity	vation and re	e-filling a
			ngineer	ing Org	ominatio	10.0		tre
31 5.17		Other En	ngineer	ing Org	ominatio	10.0	30.000 me	tre
31 5.17		Other En	ngineer	ing Org	anisatio	nn c		
31 5.17					otal Deducte	ed Quantity	0.000 metr	e
31 5.17		ν	D		Net Tot	al Quantity	30.000 me	tre
31 5.17			Say	30.000 metre	e @ Rs 240.	31 / metre	Rs 72	09.30
Prov	7 viding and fixing 4.0	00 mm dia c	opper wire	on surface o	or in recess f	or loop eartl	hing asrequire	ed.
5.17	7	350					350.000	
					Tot	al Quantity	350.000 m	etre
				To	otal Deducte	ed Quantity	0.000 metr	e
					Net Tot	al Quantity	350.000 m	etre
			Say 3	50.000 metre	e @ Rs 114.	87 / metre	Rs 402	204.50
32 5.15 Prov	5 viding and fixing 25	5 mm X 5 mr	n G.I. strip	on surface of	or in recess fo	or connectio	ons etc. as rec	quired.
5.15	5	150					150.000	
					Tot	al Quantity	150.000 m	etre
				To	otal Deducte	ed Quantity	0.000 metr	e
					Net Tot		150.000 m	

	Say 150.000 metre @ Rs 170.33 / metre Rs 25549.50								
33	5.14 Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as require								
	5.14	2				2.000			
				Tota	al Quantity	2.000 me	tre		
				Total Deducte	d Quantity	0.000 me	tre		
				Net Tota	al Quantity	2.000 me	tre		
			Say 2.000 me	tre @ Rs 921.6	64 / metre	Rs 1843.28			
34	od19408/2019_2020 Supply and fixing 100A	. TPN SDF ii	n sheet steel enclosu	re on wall usin	g suitable s	teel fastners	S.		
	od19408/2019_2020	1	0.0			1.000			
			11000	Tota	al Quantity	1.000 ead	h		
		1	5 88 E	Total Deducte	d Quantity	0.000 ead	:h		
		11	Y BAN	Net Tota	al Quantity	1.000 ead	:h		
		18	Sav 1.000 ea	ch @ Rs 5432.	77 / each	Rs 5	432.77		
35	od19409/2019_2020 Supply & installation 760x450x260x) and to good the damages col	fix KSEB m	eters, fuse units, CT etc. as required.	etc as require	d including		•		
35	Supply & installation 760x450x260x) and to	fix KSEB m	eters, fuse units, CT etc. as required.	etc as required	d including		vall, mak		
35	Supply & installation 760x450x260x) and to good the damages col	fix KSEB m	eters, fuse units, CT etc. as required.	etc as required	d including	fixing it on v	vall, mak		
35	Supply & installation 760x450x260x) and to good the damages col	fix KSEB m	eters, fuse units, CT etc. as required.	etc as required gamisatio Total Total Deducte	d including	1.000 eac	vall, mak		
35	Supply & installation 760x450x260x) and to good the damages col	fix KSEB m	eters, fuse units, CT etc. as required.	etc as required gamisatio Total Total Deducte	d including Output O	1.000 eac 1.000 eac 1.000 eac	wall, mak		
36	Supply & installation 760x450x260x) and to good the damages col	fix KSEB mour washing	eters, fuse units, CT etc. as required.	etc as required gamisatio Total Total Deducted Net Total	d including Output O	1.000 eac 1.000 eac 1.000 eac	wall, mak		
	Supply & installation 760x450x260x) and to good the damages color od19409/2019_2020 od19410/2019_2020	fix KSEB mour washing	eters, fuse units, CT etc. as required.	etc as required gamisatio Total Total Deducted Net Total	d including Output O	1.000 eac 1.000 eac 1.000 eac	wall, mak		
	Supply & installation 760x450x260x) and to good the damages color od19409/2019_2020 od19410/2019_2020 100A HRC fuse fuse bases	fix KSEB mour washing	eters, fuse units, CT etc. as required.	Total Deducted Net Total Ch @ Rs 4779.	d including Output O	1.000 1.000 eac 0.000 eac 1.000 eac Rs 4	vall, mak		
	Supply & installation 760x450x260x) and to good the damages color od19409/2019_2020 od19410/2019_2020 100A HRC fuse fuse bases	fix KSEB mour washing	Say 1.000 each	Total Deducted Net Total Ch @ Rs 4779.	d including A Quantity d Quantity al Quantity 53 / each	1.000 1.000 eac 0.000 eac 1.000 eac Rs 4	vall, mak		
	Supply & installation 760x450x260x) and to good the damages color od19409/2019_2020 od19410/2019_2020 100A HRC fuse fuse bases	fix KSEB mour washing	Say 1.000 each	Total Deducted Total Ch @ Rs 4779.	d including A Quantity d Quantity al Quantity 53 / each	1.000 eac 0.000 eac 1.000 eac 1.000 eac Rs 4	vall, mak ch ch 779.53		
	Supply & installation 760x450x260x) and to good the damages color od19409/2019_2020 od19410/2019_2020 100A HRC fuse fuse bases	fix KSEB mour washing	Say 1.000 each	Total Deducted Total Ch @ Rs 4779.	d including A Quantity d Quantity al Quantity 53 / each al Quantity d Quantity d Quantity	1.000 eac 0.000 eac 1.000 eac 1.000 eac 1.000 eac 3.000 eac 3.000 eac 3.000 eac	vall, mak ch ch 779.53		
	Supply & installation 760x450x260x) and to good the damages color od19409/2019_2020 od19410/2019_2020 100A HRC fuse fuse bases	ase with fuse	Say 1.000 each	Total Deducte Net Total Ret Total Ach @ Rs 543.	d including A Quantity d Quantity al Quantity 53 / each al Quantity d Quantity d Quantity	1.000 eac 0.000 eac 1.000 eac 1.000 eac 1.000 eac 3.000 eac 3.000 eac 3.000 eac	vall, mak		
36	Supply & installation 760x450x260x) and to good the damages color od19409/2019_2020 od19410/2019_2020 100A HRC fuse fuse base od19410/2019_2020 od19411/2019_2020	ase with fuse	Say 1.000 each	Total Deducte Net Total Ret Total Ach @ Rs 543.	d including A Quantity d Quantity al Quantity 53 / each al Quantity d Quantity d Quantity	1.000 eac 0.000 eac 1.000 eac 1.000 eac 1.000 eac 3.000 eac 3.000 eac 3.000 eac	vall, mak		

				То	tal Deducte	d Quantity	0.000 ead	:h
					Net Tota	al Quantity	1.000 ead	:h
			Say	/ 1.000 each	n @ Rs 341	.01 / each	Rs 3	41.01
38	od19412/2019_2020 Supply, conveyance, installation, testing and commissioning of 40KVA/32KW D.G. set incorporati "CUMINS" Model X3.TAA-G2 Diesel Engine developing 56BHP at 1500rpm, Water cooled, 4cylinde Coupled, ALternator rated at 32kw/40KVA, 415V, 50Hz, 0.8 P, mounted on a chanel iron base frar complete with fuel tank, Battery, Manuel control panel and other standard accessories with suitable CPCB approved factory assembled Acoustic enclosure. <pre></pre>							
	od19412/2019_2020	1					1.000	
					Tota	al Quantity	1.000 ead	:h
	Total Deducted Quantity							:h
	Net Total Quantity						1.000 ead	:h
			Say 1.0	000 each @	Rs 529730	.25 / each	Rs 52	9730.25
	od19560/2019_2020	the Er	gineeri		Total Deducte	al Quantity	6.000 6.000 per 0.000 per	
					Net Tota	al Quantity	6.000 per	metre
		S	ay 6.000 per	metre @ R	s 1170.87 /	per metre	Rs 7	025.22
40	od19561/2019_2020 Supply and providing 9 oxide and written with sand, painting the bra	white paint	'FIRE' mou	nted on MS	•		•	coat of r
	required		1	ding making	g good the	damages,	colour wash	
	required od19561/2019_2020	2		ding making	g good the	damages, (2.000	
	·	2		ding making		damages, of		ning etc.
	·	2				al Quantity	2.000	ening etc.
	·	2			Tota tal Deducte	al Quantity	2.000 2.000 ead	hing etc.
	·	2			Tota tal Deducte Net Tota	al Quantity d Quantity al Quantity	2.000 eac 2.000 eac 2.000 eac	hing etc.

	od19562/2019_2020	2					2.000	
					Tota	al Quantity	2.000 eac	h
				To	tal Deducte	d Quantity	0.000 eac	:h
					Net Tota	al Quantity	2.000 eac	h
			Say	2.000 each	@ Rs 2727	.80 / each	Rs 5	455.60
42	od19625/2019_2020 Supply and installation 4nos. 20mm dia 600mm at bottom, including fix complete (Bajaj BOP7	m foundation	on bolt, spac pack junctio	e for mounti	ng control s	witch box w	ith inspection	n type d
	od19625/2019_2020	9					9.000	
			JA	1/98	Tota	al Quantity	9.000 eac	h
			5.2	To	tal Deducte	d Quantity	0.000 eac	h
		6	W.	85. 7V	Net Tota	al Quantity	9.000 eac	h
			Say	9.000 each @	Rs 26592	.42 / each	Rs 23	9331.78
43	od19626/2019_2020 Supply and installation assemitris beam angle on existing GI pipe and	of 130x50	degree with	typical lumin	aire efficier	•		
43	Supply and installation assemitris beam angle	of 130x50	degree with	typical lumir jaj /Havells/e	aire efficier	ncy >85 lum		
43	Supply and installation assemitris beam angle on existing GI pipe and	of 130x50 giving con	degree with	typical lumir jaj /Havells/e	aire efficier quivalent anisatio	ncy >85 lum	en/watt, IP6	6 protect
43	Supply and installation assemitris beam angle on existing GI pipe and	of 130x50 giving con	degree with	typical lumir jaj /Havells/e	aire efficier quivalent anisatio	ncy >85 lumo	9.000	6 protect
43	Supply and installation assemitris beam angle on existing GI pipe and	of 130x50 giving con	degree with	typical lumir jaj /Havells/e	aire efficier quivalent nisatio Tota tal Deducte	ncy >85 lumo	9.000 eac	6 protect

44 od37609/2019 2020

Supply with transportation at site of polygonal shape 12.5Mtr High Mast pole (BPP/Utkarsh) with its accessories . a)Mast shaft shall be in two section made from H.T steel of grade BSEN10025,S355JO hot dipped galvanised and suitable for wind speed 180KM/hr. as per IS 875 b)Head frame assembly 2point suspention system with steel wire rope 6mm dia (7/19 construction) and double drum winching system arrangement conforming to IS with galvanised lantern carriage suitable for accommodating 6nos flood light luminaires symmetrically and its control gear box and lightining spike. The mast shall have an integral single phase operation power tool installed inside the base compartment for its operation. c) Size: Bottom 340mm, top 150mm, thickness 3mm, section-2nos, length 6500mm(bottom), base plate 540mm dia. and 25mm thick, hole dia 26mm, foundation bolt size dia.24mm and length 850mm-6nos, d)Construction of suitable shallow foundation 1:2:4 of M20 grade concrete considering safe soil bearing capacity at site as 10T/sq.m, at 2x2M depth e)Supply, errection, testing and commissioning of LED aviation obstruction light f)Supply of LED flood light fixture (CG/Model LSFO -150W or Surya make 180W) - 6nos. (g) Supply and errection control box consists of : 32A, 2Pole, MCB incomer, single dial 24hour timer with charging facility and contractor for automatic operation, and suitable size conection

	cable from control p phase motor and gir accessories, and pr pipe etc. with charce 4SWG copper wire. and other suitable effor 3 years)	ving connection oviding mason coal/ coke and (i) Erection ar	n. (h) 2nos. Try enclosure salt as requ nd commiss	Earthing with e with cover pured, includitioning of the	n G.I. earth plate havinging providing above high	oipe 4.5m lo locking arra g earth conr mast with tl	ong 40mm di angement a nction to the ne help of cr	a. including nd watering pole using rane/derrick
		2					2.000	
					Tota	al Quantity	2.000 set	
				To	tal Deducte	d Quantity	0.000 set	
					Net Tota	al Quantity	2.000 set	
			Sa	ay 2.000 set	@ Rs 46673	9.00 / set	Rs 933	3478.00
	housing with weath 250W solar panel, having protection a	battery box, o	charge cont ircuit & ligh	roller with au	uto switch bounting bra Tota tal Deducte	ouilt in for d cket suitable al Quantity d Quantity	12.000 eac	n operation ubular pole ch
		D	P Court	2 000 azab 6	1	al Quantity	12.000 ea	
SI No	Description	No	Say 1.	2.000 each @	D RS 54089	.25 / each	Quantity	9071.00 Remark
		2 A	ppendix B	- KSEB cha	rges	I	1	
		Lump-Sum To	otal			F	Rs 100000.0	0
			Р	rovision for G	SST paymer	its (in %) @	18	.0%
			Amount rese	erved for GS	T payments		538721.69)
					Total		3531619.69	9
				Lumpsum f	or round off		8380.31	
							TOTAL Rs	3540000.00
						Round	ded Total R	s 35,40,000
					Rupees Th	irty Five Lak	kh Forty Tho	usand Only

(Cost Index Applied for this estimate is 32.04%)