

कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क 909/उद्यान/2023

सिस्टम टेंडर नं. 136971

कोरबा दिनांक 02.06.2023

ई-निविदा आमंत्रण सूचना

कार्यालय नगर पालिक निगम, कोरबा द्वारा लोक निर्माण विभाग एकीकृत पंजीयन प्रणाली अंतर्गत सड़क श्रेणी में पंजीकृत ठेकेदारों से प्रमुख अभियंता लोक निर्माण विभाग, रायपुर द्वारा भवन कार्य हेतु दिनांक 01.01.2015 एवं विद्युत हेतु दिनांक 01.06.2020 से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ शेड्यूल अनुसार प्रतिशत दर पर ई-प्रोक्युरमेंट (E-Tendering) के माध्यम से निविदा प्रपत्र फार्म A में निविदा आमंत्रित की जाती है -

क्र	कार्य का नाम	प्रारंभिक राशि (लाख में)	धरोहर राशि (FDR/TDR)	कार्यावधि	निविदा प्रतिभागी शुल्क (DD)	ठेकेदार का वर्ग	निविदा खुलने की तिथि
1	स्मृति उद्यान का विकास एवं वार्षिक रख रखाव कार्य	49.83	37500/-	60 माह	3000/-	वर्ग डी एवं प्रवर श्रेणी	27.06.2023 से

शर्तों:-

- निविदा दरे प्रचलित सी.एस.आर.से कम या अधिक प्रतिशत दरों पर दिया जावे सी.एस.आर.के अंतर्गत के आयटमों पर पृथक से आयटम दरों का उल्लेख करने पर निविदा निरस्त मानी जावेगी।
- जिन ठेकेदारों द्वारा नगर पालिक निगम (साडा) के किसी ठेके के कार्य में अनुबंध के अनुरूप कार्य न किया गया हो अथवा नगर पालिक निगम (साडा) के हित के विरुद्ध कार्य किया गया हो उन्हें निविदा भरने की पात्रता नहीं होगी।
- इच्छुक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पाटर्नरशीप डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकारी, विगत 3 वर्षों का आयकर चुकता प्रमाण पत्र/पेन नम्बर, जी.एस.टी. पंजीयन प्रमाण पत्र एवं अमानत राशि के FDR/TDR की प्रति ऑनलाईन अपलोड करना अनिवार्य होगा, प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड, निविदा प्रतिभागी शुल्क का डिमाण्ड ड्राफ्ट एवं धरोहर राशि FDR/TDR, शपथपत्र का स्कैन कापी ऑन लाईन सिस्टम पर अपलोड करना अनिवार्य होगा।
 - अमानत राशि का वैध FDR/TDR, निविदा प्रतिभागी शुल्क का DD एवं शपथ पत्र की मूल प्रति लिफाफा में कार्य का नाम एवं अन्य विवरण अंकित कर केवल स्पीड पोस्ट/रजिस्टर्ड डाक के माध्यम से निविदा खुलने की तिथि में दोपहर 3.00 बजे तक आयुक्त, नगर पालिक निगम, कोरबा साकेत भवन, आई.टी.आई.चौक रामपुर कोसाबाड़ी पिन- 495677 कोरबा को उपलब्ध कराना अनिवार्य होगा।
 - निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में उनके द्वारा किये जा रहे कार्यों का विवरण राशि सहित मूलप्रति में वैध शपथपत्र (राशि रु. 100/- नॉनज्यूडिशियल स्टाम्प) निविदा आमंत्रण दिनांक के पश्चात का, निविदा क्रमांक एवं कार्य का नाम अंकित कर प्रस्तुत करना अनिवार्य होगा।
 - अमानत राशि का FDR/TDR एवं निविदा प्रतिभागी शुल्क का DD जो कि आयुक्त, नगर पालिक निगम, कोरबा के नाम पर देय हो प्रस्तुत करना अनिवार्य होगा।
- सम्पूर्ण किये गये कार्यों के लिए प्रत्येक चल देयकों में से 5 प्रतिशत सुरक्षा राशि 01 वर्ष के लिए एवं मरम्मत एवं संधारण मद को छोड़कर शेष कार्यों में 5 प्रतिशत परफार्मेंस सिक्यूरिटी की गारंटी के रूप में से 03 वर्ष के लिए रोकी जावेगी।
- जिन निविदाकारों द्वारा कर्मचारी भविष्य निधि संगठन एवं कर्मचारी राज्य बीमा निगम, रायपुर से पंजीयन कराकर कोड प्राप्त कर लिया हो वे निविदाकार ही निविदा हेतु पात्र होंगे।
- निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सन्निर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 1996 एवं तदंतर्गत निर्धारित नियमों के तहत पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का 1 प्रतिशत उपकर के रूप में प्रत्येक देयक से कटौती की जावेगी।
- ईट से संबंधित निर्माण कार्यों में फ्लाइंग एश ब्रिक का उपयोग किया जाना अनिवार्य होगा।
- प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल संलग्न करना अनिवार्य होगा।
- निविदाकार को सोलर पेनल लगाने के कार्य का अनुभव होना अनिवार्य है।
- निविदाकार को निर्माण लागत के समान प्रवृत्ति के कार्य का अनुभव होना अनिवार्य है।
- उद्यान का संचालन एवं संधारण 5 वर्ष के लिए होगा।
- मजदूरों की सुरक्षा, बीमा, चिकित्सा सुविधा, प्रोविडेन्ड फंड एवं किसी प्रकार की दुर्घटना एवं असामायिक मृत्यु इत्यादि होने पर समस्त जिम्मेदारी निविदाकार की होगी।
- कार्य में लगे श्रमिकों को न्यूनतम वेतन कलेक्टर द्वारा समय-समय पर संशोधित निर्धारित दर पर करना होगा। श्रमिकों के समस्त भत्ते मेडिकल अवकाश एवं संपूर्ण जवाबदारी श्रम कानून के अंतर्गत पालन करना अनिवार्य होगा। कर्मचारियों की आयु 18 वर्ष से कम नहीं होनी चाहिए। ऐसे कर्मचारी जिनका कार्य असंतोषजनक होगा बदलने का अधिकार नगर पालिक निगम को होगा एवं ठेकेदार को ऐसे कर्मचारी बदलकर नये कर्मचारी कार्य पर लगाने होंगे।
- उद्यान के संधारण कार्य पर रखे गये मजदूरों का भुगतान बैंक के माध्यम से करना होगा।
- निविदा दरों असामान्य कमी प्रतीत होने पर सफल निविदा दाता से अनुबंध के पूर्व एस.ओ.आर. एवं निविदा दर की अंतर की राशि के समतुल्य परफार्मेंस गारंटी के रूप में राष्ट्रीयकृत बैंक एफ.डी.आर., पोस्ट ऑफिस, टाईम डिपॉजिट अथवा एन.एस.सी.

जो कि आयुक्त नगर पालिक निगम, कोरबा के नाम पर देय होगा जो मांग तिथि से 15 दिवस के भीतर जमा करना अनिवार्य होगा। उपरोक्त राशि समयावधि में जमा न करने की दशा में निविदा स्वमेव निरस्त मानी जावेगी।

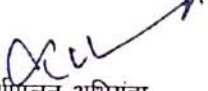
निविदा अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नहीं किया जावेगा।

17. निविदा प्रपत्र फार्म -ए की कंडिका 11 अनुसार एस्कलेशन देय नहीं होगा।

18. निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा।

19. निविदा स्वीकृत करने अथवा अस्वीकृत करने अथवा निरस्त करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा।

20. उपरोक्त निविदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते हैं।

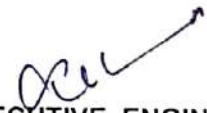

कार्यपालन अभियंता
नगर पालिक निगम
कोरबा (छत्तीसगढ़)

प्रतिलिपि-

प्रोग्रामर, संचालनालय, नगरीय प्रशासन एवं विकास विभाग, रायपुर को uad.cg.gov.in में अपलोड करने हेतु प्रेषित।

Date-Time Detail(s)

Seq. No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		02.06.2023	18.00	02.06.2023	18.00	Release Tender
2		Bid Submission	02.06.2023	18.00	26.06.2023	17.30	
3		Physical Document Submission	02.06.2023	18.00	27.06.2023	15.00	
4	Tender Open		27.06.2023	16.00	--	--	


EXECUTIVE ENGINEER
KORBA (CG)
For, Commissioner Korba (C.G.)

DETAIL AND ABSTRACT ESTIMATE FOR DEVELOPMENT OF SMRITI UDYAN AT KORBA

Name Of Work :- CONSTRUCTION OF PATHWAY AND ACCU-PRESSURE TILES

As Per SOR :- SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT (PWD BUILDING - 01.01.2015)

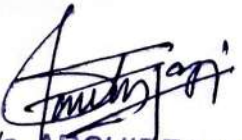
S. N.	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
1	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
		FOR OUTER PAVER	1	210.00	2.00	0.10	42.00			
		FOR INNER PAVER	1	115.00	1.20	0.10	13.80			
							55.80	cum	371.00	20701.80
2	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.1.2	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).								
		FOR CHECQUERED	1	110.00	1.20	0.10	13.20			
						TOTAL	13.20	Cum	2659.00	35098.80
3	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	7.5.4	Cement Mortar 1:6 (1 cement : 6 coarse sand) upto 30mm Ht. For Wall	2	104.00	0.20	0.60	24.96			
						TOTAL	24.96	Cum	3265.00	81494.40
4		Providing and making 12mm thick cement plaster of mix:								
		In Cement Mortar 1:6 (1 cement : 6 fine sand)								
		Above ground	4	104.00		0.30	124.80			
		Top of Wall	4	53.00	0.20		42.40			
							167.20	sqm	91.50	15298.80

5	11.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:								
	3.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
		Above ground	4	104.00		0.20	83.20			
							83.20	sqm	107.00	8902.40
6	14.14	Finishing walls with water proofing cement paint of required shade to give an even shade.								
	14.1	On new work (Two or more coats applied @ 3.84 kg/10 sqm)								
		Both side wall & top of wall	4	200.00	0.70		560.00			
							560.00	sqm	41.00	22960.00
7	12.65	Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) and shape/ pattern, over 40 mm thick average complete coarse sand bed with joints of 30mm thick filled by fine sand including leveling with surface vibrator, temping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm								
	65.2	Pigment Coloured (rubber mould) precast interlock concrete blocks								
			2	110.00	2.00		440.00			
							TOTAL	440.00	sqm	632.00
										278080.00
8	12.37	Chequered precast cement concrete tiles 22mm thick in footpath & courtyard jointed with neat cement slurry mixed with pigment to match the shade of tile including cleaning of joint etc complete on 20 mm thick bed of cement mortar 1:4 (1 cement :4 coarse sand) :								
	12.37.1	Light shade using white cement								
			1	110.00	1.20		132.00	sqm	640.00	84480.00

12.56 25mm thick Local RAJIM/ Red Flag stone slab flooring laid over 20mm (Average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid over & jointed with grey cement slurry mixed with pigments to match the shade of the stone i/c grinding, rubbing and polishing.

	front area	1	16	29		464.00	sqm	516.00	239424.00
						As per Estimate Amount Rs.			786440.20
						To SAY			786000.00

Amount In words-SEVEN LAKH EIGHTY SIX THOUSAND RUPEES ONLY


M/s. ARCHIDEAS GROUP
 Architect
 Arch Ideas Group, Raipur
 Ar. Sourabh Jogi
 Partner

Sub Engineer
 Municipal corporation Korba


 Asst. Engineer
 Municipal corporation Korba

DETAIL AND ABSTRACT ESTIMATE FOR DEVELOPMENT OF SMRITI UDYAN AT KORBA

Name Of Work :- CONSTRUCTION OF GUARD ROOM

S.no.	Particulars of item	No.	Length	Breadth	Ht./Depth	Quantity	Unit	Rate	Amount
1	1.2 Surface dressing of the ground including removing vegetation and making up undulations and in-equalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).	1	3	2.5		7.50	sqm	7.20	54.00
2	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff up to 1.5 m lift and lead upto 50 m (atleast 5 m away from the excavated area) including dressing and levelling of pits in all types of soils item no. 1.1.1 page 9								
	column	4	1.20	1.20	2.00	11.52			
	wall	1	11.00	0.40	0.40	1.76			
					Total:	13.28	cum	185.00	2456.80
3	Providing and filling in plinth with sand / crushed dust and hard moorum under floor in layers not exceeding 20 cm in depth consolidating each deposited layer by ramming and watering including dressing etc. complete. item 1-18, p -11								
	ROOM	1	3.00	2.50	0.30	2.25			
					Total:	2.25	cum	371.00	834.75
4	1.19 Providing filling and compacting local earth (from approved source pit) in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
		1	3.00	2.50	0.40	3.00	cum	242.00	726.00

5	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work													
	1:4:8 40 mm nominal size													
	Item no. 3.1.2 page 23													
	column	4	1.20	1.20	0.15	0.86								
	wall	1	11.00	0.40	0.08	0.35								
	under flooring	1	3.00	2.50	0.10	0.75								
							Total:	1.96	cum	2659.00		5211.64		
6	Brick work with modular fly ash lime (FALG bricks) confirming to IS 12894-2002 of class designation 40 in foundation and plinth in cement Mortar 1:6 (1 Cement : 6 sand) item no. 7.1.4 page 44													
	foundation of wall	1	11.00	0.2	0.45	0.99								
							total	0.99	cum	3821.00		3782.79		
7	Brick work with modular fly ash lime (FALG bricks) confirming to IS 12894-2002 of class designation 40 in superstructure cement Mortar 1:6 (1 Cement : 6 sand) item no.7.5.4 page 45													
	external wall	1	11.00	0.20	2.90	6.38								
							Total :	6.38	cum					
(-)	Deductions:													
	D	-1	1.50	0.20	2.10	-0.63								
	column	-4	0.30		2.90	-3.48								
	Wind. W	-2	1.20	0.20	1.20	-0.58								
	vent. Ver.	-2	0.60	0.20	0.45	-0.11								
							Total :	-4.80						
							Net	Total :	1.58	cum	3263.00		5155.54	
8	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works up to floor five level excluding cost of reinforcement and formwork													
	1:1.5:3 with 20 mm nominal size													
	Item no. 3.1.5 page -23													


		column footing	4	1.20	1.20	0.30	1.73			
		footing	4	0.40	0.40	0.80	0.51			
		column	4	0.20	0.20	6.50	1.04			
		tie beam	1	11.00	0.20	0.30	0.66			
		slab beam	1	11.00	0.20	0.30	0.66			
		lintel beam	1	2.00	0.20	0.20	0.08			
		slab								
		ROOM	1	3.00	2.50	0.10	0.75			
		chhajja	1	3.00	0.60	0.080	0.14			
						Total:	5.57	cum	4073.00	22686.61
9	3.4	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:					0.50	cum	97.50	48.75
10		Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawing including including cost of binding wire all complete.								
		Thermo-Mechanically treated bars								
		Item no. 3.12.1 page 24								
						1.00% of R.C.C work i.e.	607.00	Kg	54.50	33081.50
11	3.14	Providing and mixing water proofing material in PCC/ RCC work in the proportion recommended by the manufacturer.	1				33.00	Kg	43.50	1435.50
12	3.16	Making 50mm thick plinth protection of plain cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded crushed stone aggregate 20mm nominal size) over 75mm bed of dry brick ballast 40mm nominal size well rammed and consolidated and grouted with sand including finishing the top smooth.	1	20	1		20.00	sq.m	273.00	5460.00
13		Providing wood work in frames of doors, windows, clearestory windows and frames wrought framed and fixed in position (Teak wood)								
		Item-8.1.1, pg-54								
		Doors: D	1	5.20	0.120	0.075	0.05			
		Wind. W	2	5.70	0.120	0.075	0.10			
		Vent V	2	2.10	0.120	0.075	0.04			
						Total:	0.19	cum	114758	21482.70

14	Providing and fixing 40 mm thick panelled or glazed shutter frames for doors excluding hinges and panelling.								
	Teak wood								
	item no.8.6.1 page 55								
	Doors: D		1	0.85		2.04	1.73		
						Total;	1.73	sqm	2906.00
									5027.38
15	Providing and fixing 35 mm thick glazed shutter frames for windows clearestory windows ,ventilators etc. using glass panes including M.S.butt hinges and necessary screws but excluding glass panes								
	Teak wood								
	Item-8.9.1 pg-55								
	Wind. W		2	1.50		1.20	3.60		
	V		2	0.45		0.30	0.27		
						Total:	3.87	sqm	3017.00
									11675.79
16	Providing and fixing formwork including centring , shuttering ,strultering,staging propping bracing etc.complete and including its removal at all levels for Foundations, footings,base of columns and plinth beam in any shape and size.								
	item no. 2.1.5 page 16.								
	column		4	1.20		5.50	26.40		
						Total:	26.40	sqm	297.00
									7840.80
17	Providing and fixing formwork including centring , shuttering ,strultering,staging propping bracing etc.complete and including its removal at all levels for Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves(cast in situ)								
	item no. 2.1.8 & 2.1.7 page 16.								
	tie beam		2	11.00		0.30	6.60	sqm	
	slab beam		2	11.00		0.30	6.60	sqm	
	lintel beam		2	3.00		0.15	0.90	sqm	
						Total:	14.10	sqm	202.00
									2848.2
	slab								
	ROOM		1	3.00	2.50		7.50	sqm	
	chhajja		1	3.00	0.60		1.80	sqm	

					Total:	9.30	sqm		
					g.total:	9.30	sqm	235.00	2185.5
18	6 mm thick cement plaster to ceiling								
	(b) in cement mortar 1:3								
	item no.11.1.1page 103.								
	ROOM	1	3.00	2.50		7.50			
	chhajja	1	3.00	0.60		1.80			
					Total:	9.30			
					total :	9.30	sqm	93.00	864.90
19	15mm thick cement plaster on rough								
	side of single or half wall in cement								
	mortar 1:6								
	Item no,-11.3.4 Page - 103								
	Inner wall:-								
	ROOM	1	11.00		3.30	36.30			
					Total:	36.30			
	(-)	deduction of 10%					3.63		
					Net total:	32.67	sqm		
					Grand total	32.67	sqm	107.00	3495.69
20	Providing and laying nominal mix								
	cement concrete with crushed stone								
	aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work								
	1:3:6 40 mm nominal size								
	Item no. 3.1.3 page 21								
	ROOM	1	3.00	2.50	0.10	0.75			
					total :	0.75	cum	2970.00	2227.50

21	12.9	Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc. complete.							
	12.9.1	Size 300x300mm							
		ROOM	1	3.00	2.50		7.50		
						total :	7.50	sqm	
		15% Extra for scurting					1.13	sqm	
						g. total	8.63	sqm	692.00 5968.50
22	12.49	25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 sqm and upto 0.50 sqm)							
	12.49	25mm thick							
		FRONT STEP	1	3.00	2.50		7.50		
						total	7.50	sqm	897.00 6727.50
23	14.1	Providing and applying plaster of paris putty over plastered wall surface including scaffolding complete							
	14.1.2	More than 2 mm thickness to make surface even and smooth in true plumb and line and level.							
				32.67		9.30	41.97	sqm	93.50 3924.20
24	14.11	14.11 Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade.							
	14.11.1	on new work (two or more coats)							
						as per internal plaster			
				32.67		9.30	41.97	sqm	52.50 2203.43

25	14.10	Wall painting with acrylic premium emulsion (plastic) paint of required shade to give an even shade.								
	14.10.1	On new work (two or more coats)								
							41.97	sqm	44.50	1867.67
26	9.15	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc.including applying a priming coat of red oxide zinc chromate primer .								
		Wind.	2	1.50		1.20	3.60			
		Vent	2	0.60		0.45	0.54			
						Total	4.14	sqm		
							82.80	kg	67.50	5589.00
										164862.62
										TOTAL
										164862.62
										to SAY Rs. 165000.00
										IN WORDS- ONE LAKH SIXTY FIVE THOUSAND RUPEES ONLY
Note:		This estimate is prepared using Schedule of rates for Public Works Department								
		C.G. with effect from 01.01.2015.								


M/S. ARCHIDEAS GROUP
 Architect
 Arch Ideas Group, Raipur
 Ar. Sourabh Jogi **Partner**


 Sub Engineer
 Municipal corporation Korba


 Ass. Engineer
 Municipal corporation Korba

DETAIL AND ABSTRACT ESTIMATE FOR DEVELOPMENT OF SMRITI UDYAN AT KORBA

Name Of Work :- CONSTRUCTION OF STAFF QUARTER

S.no.	Particulars of item	No.	Length	Breadth	Ht./Depth	Quantity	Unit	Rate	Amount
1	1.2 Surface dressing of the ground including removing vegetation and making up undulations and in-equalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).	1	3	4		12.00	sqm	7.20	86.40
2	Excavation for all types and sizes of foundations,trenches and drains or for any other purpose including disposal of excavated stuff up to 1.5 m lift and lead upto 50 m (atleast 5 m away from the excavated area) including dressing and levelling of pits in all types of soils item no. 1.1.1 page 9								
	column	4	1.20	1.20	2.00	11.52			
	wall	1	14.00	0.40	0.40	2.24			
					Total:	13.76	cum	185.00	2545.60
3	Providing and filling in plinth with sand / crushed dust and hard moorum under floor in layers not exceeding 20 cm in depth consolidating each deposited layer by ramming and watering including dressing etc. complete. item 1-18, p -11								
	ROOM	1	3.00	4.00	0.30	3.60			
					Total:	3.60	cum	371.00	1335.60
4	1.19 Providing filling and compacting local earth (from approved source pit) in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
		1	3.00	4.00	0.40	4.80	cum	242.00	1161.60

5	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work																				
	1:4:8 40 mm nominal size																				
	Item no. 3.1.2 page 23																				
	column	4	1.20	1.20	0.15	0.86															
	wall	1	14.00	0.40	0.08	0.45															
	under flooring	1	3.00	4.00	0.10	1.20															
							Total:				2.51	cum	2659.00							6674.09	
6	Brick work with modular fly ash lime (FALG bricks) confirming to IS 12894-2002 of class designation 40 in foundation and plinth in cement Mortar 1:6 (1 Cement : 6 sand)																				
	item no. 7.1.4 page 44																				
	foundation of wall	1	14.00	0.2	0.45	1.26															
							total				1.26	cum	3821.00							4814.46	
7	Brick work with modular fly ash lime (FALG bricks) confirming to IS 12894-2002 of class designation 40 in superstructure cement Mortar 1:6 (1 Cement : 6 sand)																				
	item no.7.5.4 page 45																				
	external wall	1	14.00	0.20	2.90	8.12															
							Total :				8.12	cum									
(-)	Deductions:																				
	D	-1	1.50	0.20	2.10	-0.63															
	column	-4	0.30		2.90	-3.48															
	Wind. vent.	W Ver.	-2	1.20	0.20	1.20	-0.58														
			-2	0.60	0.20	0.45	-0.11														
							Total :				-4.80										
							Net				3.32	cum	3263.00							10833.16	
8	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works up to floor five level excluding cost of reinforcement and formwork																				
	1:1.5:3 with 20 mm nominal size																				
	Item no. 3.1.5 page -23																				

		column footing	4	1.20	1.20	0.30	1.73			
		footing	4	0.40	0.40	0.80	0.51			
		column	4	0.20	0.20	6.50	1.04			
		tie beam	1	14.00	0.20	0.30	0.84			
		slab beam	1	14.00	0.20	0.30	0.84			
		lintel beam	1	4.00	0.20	0.20	0.16			
		slab								
		ROOM	1	3.00	4.00	0.10	1.20			
		chhajja	1	3.00	0.60	0.080	0.14			
							Total:	6.46 cum	4073.00	26311.58
9	3.4	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:						0.50 cum	97.50	48.75
10		Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawing including including cost of binding wire all complete.								
		Thermo-Mechanically treated bars								
		Item no. 3.12.1 page 24								
								1.00% of R.C.C work i.e.	696.00 Kg	54.50 37932.00
11	3.14	Providing and mixing water proofing material in PCC/ RCC work in the proportion recommended by the manufacturer.	1					33.00 Kg	43.50	1435.50
12	3.16	Making 50mm thick plinth protection of plain cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded crushed stone aggregate 20mm nominal size) over 75mm bed of dry brick ballast 40mm nominal size well rammed and consolidated and grouted with sand including finishing the top smooth.	1	20	1			20.00 sq.m	273.00	5460.00
13		Providing wood work in frames of doors, windows, clearestory windows and frames wrought framed and fixed in position(Teak wood)								
		Item-8.1.1, pg-54								
		Doors: D	1	5.20	0.120	0.075	0.05			
		Wind. W	2	5.70	0.120	0.075	0.10			
		Vent V	2	2.10	0.120	0.075	0.04			
							Total:	0.19 cum	114758	21482.70

14	Providing and fixing 40 mm thick panelled or glazed shutter frames for doors excluding hinges and panelling.								
	Teak wood								
	item no.8.6.1 page 55								
	Doors:	D	1	0.85		2.04	1.73		
						Total;	1.73	sqm	2906.00
									5027.38
15	Providing and fixing 35 mm thick glazed shutter frames for windows clearestory windows ,ventilators etc. using glass panes including M.S.butt hinges and necessary screws but excluding glass panes								
	Teak wood								
	Item-8.9.1 pg-55								
	Wind.	W	2	1.50		1.20	3.60		
		V	2	0.45		0.30	0.27		
						Total:	3.87	sqm	3017.00
									11675.79
16	Providing and fixing formwork including centring , shuttering ,strultering,staging proping bracing etc.complete and including its removal at all levels for Foundations, footings,base of columns and plinth beam in any shape and size.								
	item no. 2.1.5 page 16.								
		column	4	1.20		5.50	26.40		
						Total:	26.40	sqm	297.00
									7840.80
17	Providing and fixing formwork including centring , shuttering ,strultering,staging proping bracing etc.complete and including its removal at all levels for Suspended floors, roofs, access plate-form, balconies (plain surfaces) and shelves(cast in situ)								
	item no. 2.1.8 & 2.1.7 page 16.								
		tie beam	2	14.00		0.30	8.40	sqm	
		slab beam	2	14.00		0.30	8.40	sqm	
		lintel beam	2	3.00		0.15	0.90	sqm	
						Total:	17.70	sqm	202.00
									3575.4
	slab								
		ROOM	1	3.00	4.00		12.00	sqm	
		chhajja	1	3.00	0.60		1.80	sqm	

						Total:	13.80	sqm			
						g.total:	13.80	sqm	235.00	3243	
18	6 mm thick cement plaster to ceiling										
	(b) in cement mortar 1:3										
	item no.11.1.1page 103.										
	ROOM	1	3.00	4.00			12.00				
	chhajja	1	3.00	0.60			1.80				
						Total:	13.80				
						total :	13.80	sqm	93.00	1283.40	
19	15mm thick cement plaster on rough										
	side of single or half wall in cement										
	mortar 1:6										
	Item no,-11.3.4 Page - 103										
	Inner wall:-										
	ROOM	1	14.00			3.30	46.20				
						Total:	46.20				
	(-)	deduction of 10%						4.62			
						Net total:	41.58	sqm			
						Grand total	41.58	sqm	107.00	4449.06	
20	Providing and laying nominal mix										
	cement concrete with crushed stone										
	aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work										
	1:3:6 40 mm nominal size										
	Item no. 3.1.3 page 21										
	ROOM	1	3.00	4.00	0.10		1.20				
						total :	1.20	cum	2970.00	3564.00	


21	12.9	Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete.								
	12.9.1	Size 300x300mm								
		ROOM	1	3.00	4.00		12.00			
						total :	12.00	sqm		
		15% Extra for scurting					1.80	sqm		
						g. total	13.80	sqm	692.00	9549.60
22	12.49	25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 sqm and upto 0.50 sqm)								
	12.49	25mm thick								
		FRONT STEP	1	3.00	4.00		12.00			
						total	12.00	sqm	897.00	10764.00
23	14.1	Providing and applying plaster of paris putty over plastered wall surface including scaffolding complete								
	14.1.2	More than 2 mm thickness to make surface even and smooth in true plumb and line and level.								
				41.58		13.80	55.38	sqm	93.50	5178.03
24	14.11	14.11 Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade.								
	14.11.1	on new work (two or more coats)								
						as per internal plaster				
				41.58		13.80	55.38	sqm	52.50	2907.45

DETAIL AND ABSTRACT ESTIMATE FOR DEVELOPMENT OF SMRITI UDYAN AT KORBA

Name Of Work :- **PAINTING OF BOUNDARY WALL AND EXISTING PERIFERAL WALLS**

S. No.	I. No.	PARTICULAR	Measurement				QTY	UNIT	RATE	AMOUNT
			NO	L	B	D/H				
1	14.50	Painting exterior surface with SMOOTH ACRYLIC exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with:								
	14.16.2	On old work (One or more coats applied @ 0.83 ltr/ 10 sqm)								
		BOUNDARY WALL	2	507.00	3.00	3042.00	sqm	67.00	203814.00	
		RETAINING WALL	2	1448.00	0.45	1303.20	sqm	67.00	87314.40	
		OLD TOILET BLOCK	1	45.00	3.00	135.00	sqm	67.00	9045.00	
2	14.22	Painting on new work (two or more coats) to give an even shade with:								
	14.22.4	Black anti-corrosive bitumastic paint								
		GATE	2	10.00	5.00	100.00				
		RAILING	2	250.00	2.00	1000.00				
		PLANTER RAILING	2	148	1.5	444.00				
		FOUNTAIN RAILING	2	250	0.9	450.00				
						1994.00	sqm	38.50	76769.00	
								Total :-	376942.40	
								To Say :-	377000.00	

Amount In words- THREE LAKH SEVENTY SEVEN THOUSAND RUPEES ONLY


M/s. ARCHIDEAS GROUP
 Architect
 Arch Ideas Group, Raipur
 Ar. Sourabh Jogi
 Partner


 Sub Engineer
 Municipal corporation Korba



 Asst. Engineer
 Municipal corporation Korba

DETAIL AND ABSTRACT ESTIMATE FOR DEVELOPMENT OF SMRITI UDYAN AT KORBA

Name Of Work :- PLACEMENT OF CEMENT MURALS

S. No.	I. No.	PARTICULAR	Measurement				QTY	UNIT	RATE	AMOUNT
			NO	L	B	D/H				
CEMENT MURALS										
1	CGPW D ROAD SOR	MURALS	8	2.10	1.70	28.56	sqm	3500.00	99960.00	
								TOTAL	99960.00	
								To Say :-	100000.00	

Amount In words- ONE LAKH RUPEES ONLY


M/s. ARCHIDEAS GROUP
 Architect
 Arch Ideas Group, Raipur
 Ar. Sourabh Jogi | Partner


 Sub Engineer
 Municipal corporation Korba


 Asst. Engineer
 Municipal corporation Korba

Sub. - Supplying & Installation of Water Cooler & UV Water Filter with Water Storage tank

ESTIMATE

PART-A		SOR Building Works 01.01.2015			
1	Providing and fixing on wall surface 3 layer PP-R (Poly propylene Random copolymer) pipes SDR 7.4 U V stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply including all PP - R plain & brass threaded poly propylene random fittings including fixing the pipe with clamps at 1.00 m spacing, testing of joints complete.				
	PN - 16 Pipe, 16 mm OD	Mtr	50	102.00	5100.00
	PN - 16 Pipe, 20 mm OD	Mtr	40	139.00	5560.00
2	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality:				
	Bib cock (250 grams)	Each	4	185.00	740.00
4	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :				
	15 mm nominal bore	Each	3	284.00	852.00
5	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.				
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	Cum	0.4	4073.00	1629.20
Total Rs.					13881.20
PART-B		PHED SOR 01.06. 2020			
1	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.				
	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	Kg	350	99.00	34650.00
Total Rs.					34650.00
PART-C		ELECTRICAL SOR 1.06.2020			
1	Supplying and fixing following modular switch, socket, other accessories on the existing modular plate & switch box including connections but excluding modular plate etc. as per specification.				
	5/6 amps one way switch	Each	2	69.00	138.00
	6 pin 15/16 amp socket outlet	Each	2	120.00	240.00
	Plug Top (Deluxe type) 3 pin 16 Amps (For power plug).	Each	2	85.00	170.00
2	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, multi strand wire in the existing surface/ concealed, FRLS PVC conduit / PVC casing capping as per specification and IS: 694 (2010)				

3 x 2.5 sq. mm	Mtr	100	57.00	5700.00
Supplying and fixing DP MCB, 240 volts, 'C' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as per specification.				
6 amps to 32 amps	Each	2	411.00	822.00
Total Rs.				7076.00
PART-D				
				Item Rate
1	Supply of Voltas Water Cooler Capacity 60/120 ISI Marks.	Each	1	51500.00
2	Supply of kent UV Water Filter.	Each	1	11200.00
3	Labour Charges for Installation of Voltas Water Cooler Capacity 60/120 and kent UV Water Filter Including Transportation as per Intraction of Engineer in charge	Each	1	2800.00
4	Supply and fixing of UPVC Coupler (Medium grade) (Kissan/Finolex)			
	a) Size 15 mm Dia	Each	20	55.00
5	Supply and fixing of Brass Fiting Elbow for UPVC Pipe (Medium grade) (Kissan/Finolex)			
	a) Size 15 mm Dia	Each	16	180.00
6	Supply of Brass Fiting MTA for UPVC Pipe (Medium grade) (Kissan/Finolex)			
	a) Size 15 mm Dia	Each	16	175.00
7	Supply of Brass Fiting FTA for UPVC Pipe (Medium grade) (Kissan/Finolex)			
	a) Size 15 mm Dia	Each	16	175.00
8	Supply and fixing of Brass Fiting Coupler for UPVC Pipe (Medium grade) (Kissan/Finolex)			
	a) Size 15 mm dia	Each	16	182.00
Total Rs.				77992.00
PART A+B+C+D Rs.				133593.20
Sat Rs.				133600.00


 M/s. ARCHIDEAS
 Architect
 Arch Ideas Group, Raipur
 Ar. Sourabh Jogi **Partner**


 Sub Engineer
 Municipal corporation Korba


 Ass. Engineer
 Municipal corporation Korba

DETAIL AND ABSTRACT ESTIMATE FOR DEVELOPMENT OF SMRITI UDYAN AT KORBA

Name Of Work :- **BOUNDARY WALL FENCING**

As Per SOR :- SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING - 01.01.2015]

S. No.	I. No.	PARTICULAR	Measurement				QTY	UNIT	RATE	AMOUNT
			NO	L	B	D/H				
1	9.43	Providing and fixing in position chain linked steel wire fabric made of 4 mm dia G.I. wire of required width in mesh to concrete/ wooden/ angle iron posts including securing and screwing with 2mm dia G.I. wire, G.I. staples, G.I.U-nails or steel pins etc., complete.								
	B.43.1	Aperture 50x50mm								
		EXISTING WALL LENGTH	1	180	1.8		324.00	SQ. M	331.00	107244.00
									TOTAL	107244.00
									To say	107000.00

Amount in words- ONE LAKH SEVEN THOUSAND RUPEES ONLY



M/s. ARCHIDEAS GROUP

Architect
Arch Ideas Group, Raipur
Ar. Sourabh Jogi

Partner



Sub Engineer
Municipal corporation Korba



As. Engineer
Municipal corporation Korba

DETAIL AND ABSTRACT ESTIMATE FOR DEVELOPMENT OF SMRITI UDYAN AT KORBA

Name Of Work :- DEMOLISION OF OLD ROOMS AND PROVIDING NEW RAILING WORK

S. No.	I. No.	PARTICULAR	Measurement				QTY	UNIT	RATE	AMOUNT
			NO	L	B	D/H				
1	16.3	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead.								
		OLD STAFF QUARTER								
			1	40.00	0.20	4.00	32.00	cum	263.00	8416.00
2	16.44	Extra for cutting reinforcement bars in R.C.C. or R.B work. (Cross-sectional area of RCC/RB work to be measured)	1	25				sqm	447.00	11175.00
3	16.45	Extra for scrapping cleaning and straitening reinforcement obtained on demolishing of R.C.C. or R.B. work.	1	700				kg	2.10	1470.00
4	9.6	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.								
	9.6.2	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	1	1287				kg	68.00	87516.00
									Total :-	100161.00
									To Say :-	100000.00

Amount In words- ONE LAKH RUPEES ONLY


M/s. ARCHIDEAS GROUP
 Architect
 Arch Ideas Group, Raipur
 Ar. Sourabh Jogi **Partner**


 Sub Engineer
 Municipal corporation Korba


 Asst. Engineer
 Municipal corporation Korba

DETAIL AND ABSTRACT ESTIMATE FOR DEVELOPMENT OF SMRITI UDYAN AT KORBA

Name Of Work :- **FOUNTAIN REPAIR AND MAINTENANCE WORK**

As Per SOR :- SCHEDULE OF RATES PUBLIC HEALTH ENGINEERING DEPT. (PHED SOR 1 JUNE 2020)

S. N.	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
1	34.20.111	Supplying & Installation of approved Make required capacity single phase, 50 Hz, 240V, Centrifugal Mono-block pump, with Starter, connections, base channel foundation etc. as required as per specifications but excluding Pipe and connection cable								
		FOR RECTANGULAR FOUNTAIN								
	ii	1.5 H.P. Head Mt.3-21, Discharge LPH 39600-6000	5				5.00	EACH	13820	69100.00
2	34.20.111	Supplying & Installation of approved Make required capacity single phase, 50 Hz, 240V, Centrifugal Mono-block pump, with Starter, connections, base channel foundation etc. as required as per specifications but excluding Pipe and connection cable								
		FOR CIRCULAR AND FOUNTAIN								
	iii	2.0 H.P. Head Mt.3-18, Discharge LPH 48600-3000	2				2.00	EACH	15341	30682.00
3	3.3	Providing and laying in position including testing following sizes of flanged cast iron standard specials class medium or heavy which does not appear in above items of the schedule.								
		80mm to 300mm dia	2600				2600.00	KG	63	163800.00
4	3.3	Labour for laying in position including testing following sizes of flanges, cast iron standard specials which does not appear in above items of the schedule								
		80mm to 300mm dia	2500				2500.00	KG	2	5000.00

5	3.2	Providing and laying in position including testing following all flanged cast iron crosses (all sizes in mm)								
		80mm Dia	35		35.00	EACH	1972	69020.00		
6	3.1	Providing & Laying in position including testing following cast iron flanged sockets (all sizes in mm) confirming to IS: 1538								
		80mm Dia	25		25.00	EACH	949	23725.00		
7	8.10	Providing & fixing of following Cast iron double flanged sluice valves as per I.S.:14846-2000 fitted with cast iron cap including jointing & testing with cost of jointing material such as bolts, nuts, rubber insertions etc. all complete								
	P.N-1.6	80mm dia	30		30.00	EACH	3708	111240.00		
								As per Estimate Amount Rs.		472567.00
								To SAY		472000.00

Amount In words-FOUR LAKH SEVENTY TWO THOUSAND RUPEES ONLY


M/s. ARCHIDEAS GROUP
 Architect
 Arch Ideas Group, Raipur
 Ar. Sourabh Jogi
 Partner


 Sub Engineer
 Municipal corporation Korba


 Asst. Engineer
 Municipal corporation Korba

DETAIL AND ABSTRACT ESTIMATE FOR DEVELOPMENT OF SMRITI UDYAN AT KORBA

Of Work :- LANDSCAPE DEVELOPMENT WITH PLANTATION

As Per SOR :- SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING - 01.01.2015]

HORTICULTURE / LANDSCAPE

S.No.	I. No.	PARTICULAR	Measurement				QTY	UNIT	RATE	AMOUNT
			NO	L	B	D/H				
1	22.2	Supplying and stacking of good earth at site including royalty, loading, unloading and carriage upto 10 km (earth measured in stacks will be reduced by 20% for payment).								
		14m x 100m patch	1	150.00	sqm	1.50	225.00			
							225.00			
		Increase 20% for Loose soil			20%		45.00			
						Total	270.00	cum	201.00	54270.00
2	22.3	Supplying and stacking sludge at site including royalty, loading, unloading and carriage upto 10 km (sludge measured in stacks will be reduced by 8% for payment).								
		14 m x 100 patch	1	150.00	sqm	0.60	90.00			
		Mounds	4	37.50	sqm	0.75	112.50			
							202.50			
		Increase 8% for Loose soil			8%		16.20			
						Total	218.70	cum	248.00	54238.00
3	22.8	Spreading of sludge, dump manure or/and good earth in required thickness (Cost of sludge, dump manure or/ and good earth to be paid separately).								
		Item No.22.2 Qty					270.00			
		Item No.22.3 Qty					218.70			
						Total	488.70	cum	17.50	8552.00

9		Mixing earth and sludge or manure in proportion specified or directed.							
5	22.5	Rough dressing the trenched ground including breaking clods.				488.70	cum	11.00	5376.00
		14 m x 100 patch	1	120.00	sqm	120.00			
						120.00	sqm	0.50	60.00
6	22.6	Uprooting weeds from the trenched area after 10 to 15 days of its flooding with water including disposal of uprooted vegetation.				120.00	sqm	1.60	192.00
7	22.7	Fine dressing the ground				120.00	sqm	1.10	132.00
8	22.19	Edging with modular well burnt clay bricks of crushing strength not less than 25kg/ sqcm laid dry length wise including excavation, refilling, consolidating with hand packing and spreading neatly surplus earth within a lead of 50 m :				200.00	metre	28.50	5700.00
9	22.25	Providing and planting following herbs in garden including preparation of soil, base plantation, providing and spreading different fertilizers, soil and sand:							
	22.25.1	Hedges like Alife, Dorenta, Tikoma etc		Lump sum		350.00	Each	14.00	4900.00
	22.25.2	Fum like Arica, Chinn etc (3 year old)		Lump sum		120.00	Each	125.00	15000.00
	22.25.3	Hibiscus (Flower)/ Rose		Lump sum		200.00	Each	26.50	5300.00
	22.25.4	Carpet grass							
		Near & around	1	400.00	sqm	100.00	sqm	263.00	26300.00
	NSR	Lawn - Duranta Varigated (0.3m height)				70.00	Each	200.00	14000.00

		Golden Duranta (0.3 m height)							
		Lantana dwarf yellow (0.3m height)				30.00	Each	660.00	19800.00
		Lantana sellowiana (0.3m height)				50.00	Each	400.00	20000.00
		Wedelia trilobata (0.2-0.3m height)				50.00	Each	400.00	20000.00
		Conocarpus green				50.00	Each	400.00	20000.00
		Bambusa vulgaris (1m height)				500.00	Each	12.00	6000.00
		Climber				100.00		50	5000.00
		Quisqualis indica				300.00	Each	20.00	6000.00
		Bougainvillea glabra (0.6 m height)				200.00	Each	42.00	8400.00
		Tabebuia rosea (1.8 m height)				400.00	Each	4.00	1600.00
		Cordia sebestena (2.1 m height)				400.00	Each	4.00	1600.00
		Plumeria rubra dwarf (0.9m height)				300.00	Each	20.00	6000.00
		Roystonea regia				10.00	Each	2000.00	20000.00
10	22.10	Grassing with 'Doob' grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from weeds and fit for mowing including supplying good earth if needed (the good earth shall be paid for separately).							
	22.10.3	In rows 5 cm apart in either direction.							
		Parallel of road	1	1000.00	sqm	1000.00			
						1000.00	sqm	6.30	6300.00
						As per Estimate Amount Rs. Total :-			347220.00
								To Say :-	347000.00

Amount In words- THREE LAKH FORTY SEVEN THOUSAND RUPEES ONLY


M/s. ARCHIDEAS GROUP
 Architect
 Arch Ideas Group, Raipur
 Partner

Sub Engineer
 Municipal corporation Korba


 A.S. Engineer
 Municipal corporation Korba

DETAIL AND ABSTRACT ESTIMATE FOR DEVELOPMENT OF SMRITI UDYAN AT KORBA

Name Of Work :- ELECTRIFICATION WORK

As Per SOR :- SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT (PWD BUILDING - 01.01.2015)

S. N.	REF	ITEM DESCRIPTION	N	L	B	H/D	QTY	UNIT	RATE	AMOUNT
1	3.1	wiring for light point fan point exhaust fan point call Bell point with three cross 1.5 square mm FIR LS PVC insulated standard copper conductor wire for face neutral and Earth in existing surface concealed Steel f r l s PVC conduct and providing and fixing 5A piano type switch phenolic laminated seats specification and is 694 (2010)								
	3.1.1	SHORT POINT	4				4.00	EACH	165.00	660.00
	3.1.2	MEDIUM POINT	8				8.00	EACH	239.00	1912.00
	3.1.3	LONG POINT	12				12.00	EACH	309.00	3708.00
2	3.11	supplying and drawing following sizes of f r l s PVC insulated copper conductor multis trend wire in the existing surface concealed f r l s PVC conduct PVC casing capping as per specification and is 694 2010								
	3.11.13	3x2.5 SQ.M.	8				8.00	EACH	57.00	456.00
3	5.1	Supplying and fixing following piano type switch socket other accessories on the existing switch box covering including connections etc as per specification								
	5.1.12	FAN REGULATOR ELECTRONIC , STEP TYPE MOVING ALL AROUND	5				5.00	EACH	130.00	650.00
4	5.2	providing and fixing composite board for computer points having piano Type 1 number 16 ampere socket outlet one number 16 ampere switch and 3 NOS three pin 6 ampere socket outlets 3 No 6 ampere switches suitable MS box 3 mm thick phenolic laminated sheet cover as per specification	8				8.00	EACH	539.00	4312.00

5	6.1	supplying installation testing commissioning of following sides ceiling fan including wiring the download of standard length up to 30 cm with 1.5 square mm frls PVC insulated copper conductor single core cable earthing etc complete us required PF should be greater than 0.9 with bee star rating from 3 star and above is 342019 including all amendments							
	6.1.3	1200 MM SWEEP	4			4.00			
							EACH	1697.00	6788.00
6	6.6	supplying installation testing and commissioning of following sizes heavy duty 1400 RPM exhaust fan in existing opening in wall including earthing extra complete as per specification PF should be greater than 0.9							
	6.6.1	300 MM SWEEP	4			4.00	EACH	2446.00	9784.00
7	6.17	supplying fixing testing and commissioning of following LED lamps with inbuilt electronic driver heat sink and all over accessories in existing holder luminories as per specification and p.f. should be greater than 0.9 LED chip Afficacy ratio 100 lumens per wATT							
	6.17.5	12 WATT	10			10.00	EACH	215.00	2150.00
8	6.19	installation testing and commissioning of following LED tube light fitting including button with electronic driver heat sink capacitor complete with all other accessories on surface in false ceiling and closing connection earthing etc complete as per as specification and IP 20 PF should be greater than 0.9 LED chips fic ratio 100 lumens / watt							
	6.19.3	18/20 WATT(4 FEET)	10			10.00	EACH	443.00	4430.00
9	6.20	supplying fixing testing and commissioning of following LED lamps with inbuilt electronic driver heat sink and all other accessories in existing holder luminaries as per specification and PF should be greater than 0.9 LED chip Efficacy ratio 100 lumens/watt							

	6.20.2	12 WATT	4			4.00			
10	6.22	installation testing and commissioning of following 230/250 volts LED pollards fitting cool white warm white with electronic driver heat sink capacitor and all other accessories on existing foundation coal bracket including connection arthing etc complete as per specification PF should be greater than 0.9 LED chip EFFICACY ratio 100 lumens /watt					EACH	546.00	2184.00
	6.22.1	9 WATT	10			10.00	EACH	997.00	9970.00
11	6.28	installation testing and commissioning of following 230/250 world's LED street light fitting with all accessories like driver heat sink made of die cast aluminium with IP 66 protection and 15 KV search protection on coal bracket including connection earthing separate housing for driver extra complete as per specification and p. f. should be greater than 0.9 LED chip EFFICACY ratio >120 lumens / watt							
	6.28.4	30 WATT	79			75.00	EACH	1891.00	141825.00
	6.28.9	120 WATT	18			18.00	EACH	6844.00	123192.00
12	6.29	supply of following 230 /250 volt LED flood light fitting with all accessories like driver heat sink made of die cast aluminium with IP 66 protection and 15 KV search protection on pole bracket including connection earthing separate housing for driver extra complete as per specification and PF should be greater than 0.9 LED chip EFFICACY ratio> 120 lumens /watt							
	6.29.4	80 WATT	6			6.00		5199.00	31194.00
13	6.67	installation testing and commissioning of following RGB w LED flood light fitting ip66 rating complete with electronic driver heat sink capacitor and all other accessories per specification							

	6.67.1 6.69	60 WATT	2			2.00	EACH	9475.00	18950.00
14		SUPPLYING installation testing and commissioning of following LED fitting luminaries down lighters in round square shape should be made of dye cast powder coated housing complete with electronic driver heat sink and all other accessories on surface in false ceiling etc as per specification PF should be greater than 0.9 LED chip efficacy ratio >100 lumens for what and total harmonic distortion of less than 10%							
	6.69.3	60 watt	4			4.00	EACH	1888.00	7552.00
15	9.10	SUPPLYING and fixing SP MCB 240 volts C curve suitable for inductive load in the existing MCB DB complete with connections testing and commissioning etc as per specification							
	9.10.1	6 amp to 32 amp	10			10.00	EACH	151.00	1510.00
16	9.13	SUPPLYING and fixing SP MCB 240 volts D curve suitable for inductive load in the existing MCB DB complete with connections testing and commissioning etc as per specification							
	9.13.2	6 amp to 32 amp	5			5.00	EACH	428.00	2140.00
17	9.17	SUPPLYING and fixing TP& N MCB 440 volts D curve suitable for inductive motor load in the existing MCB DB complete with connections testing and commissioning etc as per specification							
	6.17.5	63 amps	5			5.00		1326.00	6630.00

18	9.20	supplying and fixing following rating 415 volts 4 poles isolator in the existing MCB DB complete with connections testing and commissioning etc per specification							
	9.20.3	100 amps							
	10.17		6			6.00	EACH	647.00	3882.00
19		providing and fixing panel mounting 230 volt LED type indicating lamp in existing cubical panel including connections testing and commissioning etc as per specification	6			6.00			
							EACH	94.00	564.00
20	12.19	providing maintenance free earthing with following size GI pipe including making bore pit of minimum 150 mm dia providing and laying approved making earthing electrode of pipe in pipe technology as per is 3043 1987 made of corrosion free gi pipes having outer pipe of ATM with specified quantity highly conductive compound around 5 and above that with soft soil in bore pit complete and providing machinery and closer with cover plate having locking arrangement and watering pipe etc as per specification							
	12.19.2	with 2 metre long gi pipes and 25 kg back filling compound	3			3.00	EACH	8222.00	24666.00
21	12.18	providing and fixing 6 swg Dia gi wire on surface or in recess for loop earthing along with existing surface concealed conduct submain wiring cable as per specification	80			80.00			
							MTR	19.00	1520.00

		supplying and laying following sizes one number frls PVC insulated xlpe PVC CTET an armoured aluminium conductor power cable of 1.1 KV grade on surface existing cable tray with 1 mm specification IS 1554							
	15.8.3	2x 10 sq. m.	400.00			400.00	MTR	94.00	37600.00
	15.8.13	4X10 sq.m.	300.00			300.00	MTR	115.00	34500.00
	15.8.14	4X16 sq.m.	100.00			100.00	MTR	122.00	12200.00
	15.8.15	4X25 sq.m.	120.00			120.00	MTR	144.00	17280.00
23	15.29	supplying fixing and cramping suitable sizes and all type copper Ferule /lugs to following size 1.1 KV grade power cable copper/ lead pressed with high pressure cramping tool including connection to switch gear MCCB extra as per specification							
	15.29.2	10 SQ.M.	60.00			60.00	MTR	21.00	1260.00
	15.29.3	16 SQ. M.	30.00			30.00	MTR	22.00	660.00
	15.29.4	25 SQ.M.	30.00			30.00	MTR	24.00	720.00
24	19.4	SUPPLY of GI pipe pole made of the class GI pipe making necessary whole for cable entry and providing earthing stud including painting with one court of red oxide zincromate primer							
	19.4.2	65 MM DIA	10.00			10.00	MTR	498.00	4980.00
25	19.9	SUPPLY and fixing following street light pole bracket on existing pole made out of 50 mm dia MSB class 5 welded to 300 mm long MS pole canopy of suitable Daya at a angle of 102.5 0 including having MS triangular stifler of size 150 X 50 x 5 mm making arrangement for lightning the bracket with providing suitable size heavy duty nuts and bolts in canopy painting with one court of approved Steel primer etc as per specification							
	19.9.1	SINLGE OVER HANG 0.75 M LONG	10.00			10.00	MTR	963.00	9630.00

18.17		supplying and fixing PVC water type terminal box of approved make an brand with detachable gland plate in bottom hinged front open cover rubbered gasket having 1-0 4v connector and one number spmcb inside the box for cable connection fixed to pole with two nose clamp made from 25 x mm gi flat with two no gi nuts bolts complete as per specification								
19.17.1		250X200X125 MM FOR SINGLE PHASE	10.00				10.00	EACH	849.00	8490.00
19.17.2		300X200X125 MM FOR 3 PHASE	4				10.00	EACH	989.00	9890.00
27	31.12	painting of following height Steel tubular poles with two cote of aluminium paint of approved brand including cleaning the surface as per is specification								
	31.12.2	ABOVE 6 M AND UPTO 8 M	20.00				20.00	EACH	193.00	3860.00
28	31.13	painting of following height Steel tubular poles with two cote of aluminium paint of approved brand including cleaning the surface as per is specification								
	31.13.1	ABOVE 6 M	35.00				35.00	EACH	106.00	3710.00
29	7.2	providing and fixing wall mounted metal board of welded construction fabricated with minimum 35 mm x 35 mm x 6 mm angle iron framework with 25 mm x 6 mm flat iron as intermediate members including painting etc as per specification	2.00				2.00		2861.00	5722.00
								EACH		
30	7.10	providing and fixing metal clad TP and and switch fuse unit 415 500 volts with porcelain revirable fuses including drilling holes on the board connections earthing the body etc as per specification								
	7.10.4	200 amp	2.00				2.00	EACH	5420.00	10840.00
	7.10.3	100 amp	3.00				3.00	EACH	3493.00	10479.00

DETAIL AND ABSTRACT ESTIMATE FOR DEVELOPMENT OF SMRITI U

Name Of Work :- PLACEMENT OF SIGNAGE BOARDS

S. No.	I. No.	PARTICULAR	Measurement				QTY	UNIT
			NO	L	B	D/H		
SIGNAGE BOARDS								
1	NSR	CIRCULATION PLAN BOARD						
			1				1.00	Each
2	NSR	DIRECTION SIGNAGES						
			8				8.00	Each
3	NSR	BUILDING BLOCK TAGS						
			2				2.00	Each

Amount In words- THIRTY FOUR THOUSAND RUPEES ONLY


M/s. ARCHIDEAS GROUP
 Architect
 Arch Ideas Group, Raipur
 Ar. Sourabh Jogi
 Partner


 SDB Engineer
 Municipal corporation Korba

DETAIL AND ABSTRACT ESTIMATE FOR DEVELOPMENT OF SMRITI UDYAN AT KORBA

Name Of Work :- SUPPLY AND INSTALLATION OF SOLAR SYSTEM

As Per SOR :- SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING - 01.01.2015]

S. No.	I. No.	PARTICULAR	MEASUREMENT				QTY	UNIT	RATE	AMOUNT
			NO	L	B	D/H				
1		SUPPLYING INSTALLATION OF HYBRID SOLAR STREET LUMINARIRE OF HOUSING MADE OF EXTRUDE ALUMINIUM AND IP65 INGREE PROTECTION. THE ALL IN ONE SOLAR STREET LIGHTING SYSTEM HAVING SYSTEM HAVING LUMEN OUTPUT UPTO 120 LPW . LITHIUM BATTERY PACK HAVING UPTO 10 HRS 40 W 80WP MONOCRYSTELINE PANEL 12.8 V 35 AH LITHIUM FERRO PHOSPHATE BATTERY	1				2.00	25000.00	50000.00	
2		PROVIDING SOLAR PANEL MODULE 4 NOS OF 250 WP . 2.ALL SETUP FOR CONTROL PANEL AND MCB INCLUDED. 3 BATTERY OF 150 Ah OF 12 VOLT SOLAR BATTERY PROVIDED . PROVIDING AND FIXING FRAME WORK FOR JAMMING OF SOLAR PANELS OVER ROOF	1					100000	100000	
								As per Estimate Amount Rs.	150000.00	
								Say Rs.	150000.00	

Amount In words- ONE LAKH FIFTY THOUSAND RUPEES ONLY

M/s. ARCHIDEAS GROUP

Sourabh Jogi

Architect
Partner

Arch Ideas Group, Raipur
Ar. Sourabh Jogi

Sub Engineer
Municipal corporation Korba.


Asst. Engineer
Municipal corporation Korba

