

कार्यालय, नगर पालिक निगम, कोरबा (छ.ग.)

फा.क. 1299/ज.प्र.सं./2022

सिस्टम टेन्डर नं. 119344
ई-निविदा आमंत्रण सूचना

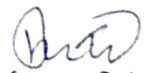
कोरबा, दिनांक 04/01/2023

लोक निर्माण विभाग से एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से निम्नलिखित कार्यों हेतु प्रमुख अभियन्ता लोक निर्माण विभाग, रायपुर द्वारा (भवन) दिनांक 01.01.2015 एवं (विद्युत) दिनांक 01.06.2020, से प्रभावशील दर पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ) कम अधिक या समान दरों पर तथा शेड्यूल अनुसार आयटम दरों पर निम्नलिखित निर्माण कार्य हेतु ऑनलाईन ई-निविदा आमंत्रित की जाती है :-

क्र.	कार्य का नाम	प्राक्कलन राशि में	धरोहर राशि रु में	कार्यावधि	ठेकेदार का वर्ग	निविदा खुलने की अंतिम तिथि
1	नेशनल क्लीन एयर प्रोग्राम (NCAIP) के अंतर्गत निगम क्षेत्र के मुख्य मार्गों में स्थित घंटाघर चौक, ध्यानचंद चौक, आई.टी.आई. चौक एवं सुभाष चौक में सौंदर्यीकरण एवं वायु गुणवत्ता सुधार कार्य हेतु फाउण्टेन स्थापना कार्य।	134.00	100500/-	06 माह	वर्ग सी एवं प्रवर श्रेणी	10.01.2023 से

शर्त:-

- 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 उन्हे निविदा भरने की पात्रता नहीं होगी।
- इच्छुक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पार्टनरशिप डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकारी, आयकर प्रमाण पत्र/पेन नम्बर, जी.एस.टी. पंजीयन प्रमाण पत्र एवं अमानत राशि ऑनलाईन जमा करना अनिवार्य होगा, प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड एवं धरोहर राशि का स्केन कापी ऑन लाईन सिस्टम पर अपलोड 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।
- 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 स्केन कर अपलोड करना अनिवार्य होगा।
- 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 पलाई एश ब्रिक का उपयोग किया जाना अनिवार्य होगा।
- प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल संलग्न करना अनिवार्य 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।
- निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा।
- निविदा स्वीकृत करने अथवा अस्वीकृत करने अथवा निरस्त करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा।
- उपरोक्त निविदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते हैं।


कार्यपालन अभियन्ता
नगर पालिक निगम
कोरबा (छत्तीसगढ़)

प्रतिलिपि - प्रोग्रामर, संचालनालय, नगरीय प्रशासन एवं विकास विभाग नवा रायपुर (छ.ग.) को Uad.cg.gov.in में अपलोड किये जाने हेतु प्रस्तुत।

Date-Time Detail(s)

Seq. No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		04.01.23	17.30	04.01.23	17.30	Release Tender
2		Bid Submission	04.01.23	17.30	24.01.23	17.30	
3	Tender Open		24.01.23	10.30	--	--	


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

ESTIMATE FOR BEATUIFICATION IN NAGAR NIGAM KORBA AREA

Master Abstract			
Name of work -Development and beautification of subhash chowlk ,iti chowlk,dhyanchand chand chowlk and ghanta ghar			
S. No.	ITEM	R.S/ Unit	SOR
1	Civil work	Attached	2,339,643.16
2	LANDSCAPING WORK	Attached	266,226.90
3	ELECTRIFICATION WORK	Attached	843,751.00
4	PAVOR BLOCKS	Attached	234,398.00
SOR ITEM			3,684,019.06
5	NON SOR ITEAMS RATE (NON SOR)	Attached	8,955,030.00
6	3 years operation maintanance (NON SOR)		700,000.00
NON SOR ITEM			9,655,030.00
GRAND TOTAL			13,339,049.06

NAGAR NIGAM KORBA

Civil work										
Sr.No.	S.O.R	Description of Item	No.	L.	B.	D./H.	Qty.	UNIT	Rate	Amount
1	2	3	4	5.00	6.00	7.00	8	9	10	11
1	1.1.1	Excavation in all types and sizes of foundations trenches and drains or for any purpose including disposal of excavated stuff upto 1.50 m lift and lead upto 50 m (at least 5 m away from the excavated area) , including dressing and levelling of pits	30.00							
		For WALL	2.00	30.00	0.30	0.30	5.40			
		TANK	1.00	30.00	1.80	1.00	54.00			
							59.40	CUM	185.00	10989.00
2	1.17	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.								
		For WALL	2.00	30.00	0.30	0.10	1.80			
							1.80	CUM	65.00	117.00
3	3.1.3	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form wrok. 1:3:6 (1 cement :3 coarse sand :6 graded stone aggregate 40 mmnominal size.								
		For WALL	2.00	30.00	0.30	0.10	1.80			
		TANK	1.00	30.00	1.80	0.10	5.40			
							7.20	CUM	2970.00	21384.00
4	3.2.1	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).								
		Plinth Beam	2.00	30.00	0.30	0.30	5.40			
		TANK BOTOM SLAB	1.00	30.00	1.50	0.20	9.00			
							14.40	CUM	4163.00	59947.20
5	7.5.4	Brick work with modular FLY ASH lime bricks (Falg brick) confirming to ISI 12894:2002 of class designation 40 in foundation and plinth in: Cement Mortar 1:6 (1 Cement : 6 Coarse Sand)								
			2.00	33.00	0.20	1.20	15.84			
							15.84	cum.	3263.00	51685.92
6	2.1	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels for								
	2.1.1	Foundations, footings, base of columns and plinth beam in any shape and size.								
		PCC	2.00	30.00		0.10	6.00			
		Plinth Beam	30.00	0.30		0.60	5.40			
							11.40	SQM	139.00	1584.60

DETAILED ESTIMATE FOR CONSTRUCTING OF TRICOLOUR FOUNTAIN CIVIL WORK										
S. No.	SOR Item No.	Description of items	No	L	B	H/D	Qty.	Unit	Rate	Amount
1	2	3	4	5	6	7	8	9	10	11
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1.1	In all Type of Soil.								
		tank	1	11.00	6.00	1.20	79.200			
						Total	79.200	cum.	185.00	14652.00
2	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	20.00	10.00		200.00			
						Total	200.00	Sqm	7.20	1440.00
4	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.								
		tank	1	11.00	6.00	0.15	9.900			
						Total	9.900	cum.	371.00	3673.00
5	1.26	Carriage by mechanical transport upto 5 km lead:								
	1.26.1	Earth								
							Qty. As Per 1.1.1		79.200	cum.
									111.00	8791.00
6	3.1	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form wrok.								
	3.1.3	1:3:6 (1 cement :3 coarse sand :6 graded stone aggregate 40 mmmnominal size.								
		tank	1	11.00	6.00	0.15	9.900			
						Total	9.900	cum.	2970.00	29403.00
7	3.2	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.								
	3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
		TANK								
		FRONT WALL	2	10.70	0.30	1.50	9.63			
		SIDE WALL	2	5.70	0.30	1.50	5.13			
		BOTTOM	1	9.00	5.00	0.20	9.00			
		TOP	1	5.00	4.00	0.20	4.00	27.760		
						Total	27.76	cum	4163.00	115565.00
8	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:								
		For Ground Floor					Total	27.760	cum	97.50
									2707.00	
9	3.12.1	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete: Cold twisted bar / Hot rolled deformed steel								
							Qty. As Per 3.3.2		27.760	cum.
							<u>.@ 80 kg/cum</u>		2220.800	Kg
						Total			2220.800	Kg
									54.50	121034.00
10	2.1	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels,								
	2.1.1	Foundations, footings, base of columns, plinth beam,Curtain Wall in any shape and size and all type of wall below plinth level								
		TANK								
		FRONT WALL	4.00	10.70		1.50	64.20			
		SIDE WALL	4.00	5.70		1.50	34.20			

		PLASTER QUANTITY	3.00	10.00		1.50	45.00			
							105.00	SQM	4273.00	448665.00
19	8.153	Providing and fixing 30 mm thick Glass Fibre Reinforced Plastic (FRP) bpaneled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, b moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 thick FRP blamine for panels confirming to IS: 14856 - 2000, complete.								
	8.153	3mm thick	1.00	10.00		5.00	50.00			
							50.00	SQM	2112.00	105600.00
							TOTAL Rs (B) :-			1554812.00

Total (A+B) :-	2339643.16
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ELECTRICAL ESTIMATE

S.No	SOR NO	Description	Unit	Rate	Qty	Amount
1	6.95	Supplying, installation, testing and commissioning of following LED Strip Light fitting complete with Electronic Driver Heat sink Capacitor and all other accessories, including connection, earthing etc complete as per specification and P.F. should be greater than 0.9. LED chip efficacy ratio \geq 100 lumens /watt. IP-65				
	6.95.2	14 Watt per Metre RGB Coloured	Metre	723	300	216900.00
2	6.96	Supplying, installation, testing and commissioning of amplifier Maximum 24 Amp for strip light IP 20 as per the specifications	Each	1356	5	6780.00
3	6.98	Supplying, installation, testing and commissioning of water proof Radio Frequency based RGB Controller for rope light with remote control IP 65 as per the specifications	Each	1828	5	9140.00
4	6.99	Supplying, Installation, Testing & Commissioning of Aluminium Profile for for Lighting (including aluminium profile and acrylic cover excluding led strip light) having following sizes (WXH) :				
	6.99.3	17X7 mm Outer Dimensions	Metre	238	300	71400.00
5	6.87	Supplying , Installation, testing and commissioning of following type LED Driver for under water LED Lights having output 24 Volt AC, IP 66 by approved make as required.				
	6.87.6	300 watt	Each	5418	10	54180.00
	15.1	Supplying and laying following sizes one number FRLS PVC insulated/XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground at a depth not less than 40 cm and upto 90 cm including excavation, sand cushioning, protective covering and refilling the trench etc as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1).				
	15.1.9	3 x 25 sq. mm	Metre	307	50	15350.00
GRAND TOTAL (A) :-						373750.00
ELECTRICAL ESTIMATE						
S.No	SOR NO	Description	Unit	Rate	Qty	Amount

1	6.95	Supplying, installation, testing and commissioning of following LED Strip Light fitting complete with Electronic Driver Heat sink Capacitor and all other accessories, including connection, earthing etc complete as per specification and P.F. should be greater than 0.9. LED chip efficacy ratio \geq 100 lumens /watt. IP-65				
	6.95.2	14 Watt per Metre RGB Coloured	Metre	723	220	159060.00
2	6.96	Supplying, installation, testing and commissioning of amplifier Maximum 24 Amp for strip light IP 20 as per the specifications	Each	1356	3	4068.00
3	6.98	Supplying, installation, testing and commissioning of water proof Radio Frequency based RGB Controller for rope light with remote control IP 65 as per the specifications	Each	1828	3	5484.00
4	6.99	Supplying, Installation, Testing & Commissioning of Aluminium Profile for for Lighting (including aluminium profile and acrylic cover excluding led strip light) having following sizes (WXH) :				
	6.99.3	17X7 mm Outer Dimensions	Metre	238	220	52360.00
5	6.67	Supplying, installation, testing and commissioning of following RGBW LED Flood Light fitting (luminaries) IP 66 Rating, complete with electronic driver heat sink capacitor and all other accessories etc. as per specification.				
	6.67.1	60 watt	Each	9475.00	5	47375.00
	6.67.2	120 watt	Each	17258.00	5	86290.00
6	15.1	Supplying and laying following sizes one number FRLS PVC insulated/XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground at a depth not less than 40 cm and upto 90 cm including excavation, sand cushioning, protective covering and refilling the trench etc as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1).				
	15.1.9	3 x 25 sq. mm	Metre	307	50	15350.00
GRAND TOTAL (B) :-						369987.00
0						
ELECTRICAL ESTIMATE						
S.No	SOR NO	Description	Unit	Rate	Qty	Amount

1	6.95	Supplying, installation, testing and commissioning of following LED Strip Light fitting complete with Electronic Driver Heat sink Capacitor and all other accessories, including connection, earthing etc complete as per specification and P.F. should be greater than 0.9. LED chip efficacy ratio \geq 100 lumens /watt. IP-65				
	6.95.2	14 Watt per Metre RGB Coloured	Metre	723	55	39765.00
2	6.96	Supplying, installation, testing and commissioning of amplifier Maximum 24 Amp for strip light IP 20 as per the specifications	Each	1356	1	1356.00
3	6.98	Supplying, installation, testing and commissioning of water proof Radio Frequency based RGB Controller for rope light with remote control IP 65 as per the specifications	Each	1828	1	1828.00
4	6.99	Supplying, Installation, Testing & Commissioning of Aluminium Profile for for Lighting (including aluminium profile and acrylic cover excluding led strip light) having following sizes (WXH) :				
	6.99.3	17X7 mm Outer Dimensions	Metre	238	55	13090.00
5	6.87	Supplying , Installation, testing and commissioning of following type LED Driver for under water LED Lights having output 24 Volt AC, IP 66 by approved make as required.				
	6.87.6	300 watt	Each	5418	5	27090.00
	15.1	Supplying and laying following sizes one number FRLS PVC insulated/XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground at a depth not less than 40 cm and upto 90 cm including excavation, sand cushioning, protective covering and refilling the trench etc as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1).				
	15.1.9	3 x 25 sq. mm	Metre	307	55	16885.00

GRAND TOTAL © :-

Total (A+B+C)

100014

843751

LANDSCAPING WORK										
S.No.	S.O.R.No	Description of Item	No.	L	B.	D./H.	Qty.	Unit	Rate	Amount
		SOR ITEMS								
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1.1	In all types of soils.								
		sitting	2	0.70	0.60	0.30	0.25			
							0.25	cum	185.00	46.62
2	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.								
		sitting	2	0.70	0.60	0.10	0.14			
							0.14	cum	371.00	51.94
3	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.								
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
		sitting	2	0.50	0.40	0.10	0.04			
							0.04	cum	2970.00	118.80
4	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming 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)								
		sitting	2	0.40	0.30	0.50	0.12			
							0.12	cum	3263.00	391.56
5	3.2.1	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).								
		sitting slab	1	1.50	0.60	0.15	0.14			

							0.14	cum	4163.00	562.01
6	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawing including cost of binding wire in foundation and plinth all complete:Thermo-Mechanically treated bars FE 415								
		30 kg per cum	30				4.05	K.G.	54.50	221
7	11.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:								
	11.3.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
			2	0.40		0.50	0.40			
			2		0.30	0.50	0.30			
			2	2.10		0.15	0.63			
							0.70	Sqm	107.00	74.90
8	2.1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
			2	2.10		0.15	0.63			
						Total	0.63	Sqm.	139.00	88
9	14.17.1	Painting exterior surface with TEXTURED exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with: On new work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/ 10 sqm								
		Qty Same as Plastered Area								
							0.3	Sqm	140	42.00
10	12.47	8 mm thick Table rubbed polished Granite stone tile flooring laid over 20mm (Average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing etc. complete.								
	12.47.1	Granite stone grey/pink	1	1.5	0.6		0.90			
							0.9	sqm	947.00	852.30

19	12.9	Providing and planting of dwarf red Ekalyha plants showing mass effect view with 0"9" x 0"9"x1"0" depth pit formation and soil preparation work"s, (Mixing organic manure and plant"s protection insecticide). Up to 4 month maintenance.								
			20.00				20.00	Each	73.00	1460.00
20	12.1	Providing and planting of plumeria (Champa) 2"0" to 3"0" heighted plants with 1"0" x 1"0"x1"6" depth pit formation and soil preparation work"s, (Mixing organic manure and plant"s protection insecticide). Up to 4 month maintenance.								
			20.00				20.00	Each	380.00	7600.00
21	12.11	Providing and planting of Golden durenta multi branches plants for showing mass effect in 0"6" x 0"6" distance with soil preparation work"s, (Mixing organic manure and plant"s protection insecticide) Up to 4 month maintenance.								
			20.00				20.00	Each	182.00	3640.00
22	12.12	Providing and planting maxican carpet grass in mount with soil preparation (with organic manure and plants protection insecticide) and escaping works. Up to 4 month maintenance.								
			1.00	20.00	1.50		30.00	SQM	44.00	1320.00
.	Building									
	Road	MOUNT								
24	22.2	Supplying and stacking of good earth at site including royalty, loading, unloading and carriage upto 5 km (earth measured in stacks will be reduced by 20% for payment).								
			10.00	2.00	1.50	1.00	30.00	CUM	201.00	6030.00
	Building									
25	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).								

		Garden Area	1.00	60.00	1.50	0.60	54.00			
		85% of EARTH				85%	45.90	cum	201.00	9225.90
26	22.4	Supplying and stacking at site well decayed cow dung manure from approved source, including loading, unloading and carriage upto 10 km (manure measured in stacks will be reduced by 8% for payment) :								
		15% of cow dung				15%	8.10	cum	236.00	1911.60
27	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).								
		Earth For Garden					45.90			
		Sludge For Garden					8.10			
							54.00	cum	17.50	945.00
							TOTAL (A) :-			181,423.70
DEVELOPMENT OF PLANTATION GHANTA GHAR										
S.No	S.O.R.	Description of Item	No.	L	B.	D/H	Qty.	Unit	Rate	Amount
		SOR ITEMS								
		PLANTATION								
1	22.25	Providing and planting following herbs in garden including preparation of soil, base plantation, providing and spreading different fertilizers, soil and sand:								
2	22.25.1	Hedges like Alife, Dorenta, Tikoma etc	100.00				100.00	Each	14.00	1400.00
3	22.25.2	Furn like Arica, China etc (3 year old)	100.00				100.00	Each	125.00	12500.00
5	22.25.3	Hibiscus (Flower)/ Rose	100.00				100.00	Each	26.50	2650.00
6	22.25.4	Carpet grass (well developed)	1.00	15.00	5.00		75.00	SQM	263.00	19725.00
	Road									
7	12.6	Providing and planting of 3"0" to 4"0" heighted wasingtonia, filipheria/bismarkia novelist plam plants with 1"6" x 1"6" depth pit formation and soil preparation, (Mixing organic manure and plant"s protection insecticide). Up to 4 month maintenance.								
		10.00	10				10.00	Each	936.00	9360.00

8	12.7	Providing and planting of 4"0" to 5"0" heighted Ficus prestige/Blackiana plants with 1"6" x 1"6" depth pit formation and soil preparation, (Mixing organic manure and plant"s protection insecticide). Up to 4 month maintenance.								
			5.00				5.00	Each	661.00	3305.00
9	12.1	Providing and planting of plumeria (Champa) 2"0" to 3"0" heighted plants with 1"0" x 1"0"x1"6" depth pit formation and soil preparation work"s, (Mixing organic manure and plant"s protection insecticide). Up to 4 month maintenance.								
			3				2.50	Each	380.00	950.00
10	12.11	Providing and planting of Golden durenta multi branches plants for showing mass effect in 0"6" x 0"6" distance with soil preparation work"s, (Mixing organic manure and plant"s protection insecticide) Up to 4 month maintenance.								
			5				5.00	Each	182.00	910.00
11	12.12	Providing and planting maxican carpet grass in mount with soil preparation (with organic manure and plants protection insecticide) and escaping works. Up to 4 month maintenance.								
			1.00	24.00	4.00		96.00	SQM	44.00	4224.00
	Buildin g									
	Road	MOUNT								
12	11.1	Maintenance of Lawns or Turfing of Slopes (Maintenance of lawns or Turfing of slopes (rough grassing) for a period of one year including watering etc.)								
			1.00	24.00	4.00		96.00	SQM	131.00	12576.00

14	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).								
		Garden Area	1.00	28.00	4.00	0.60	67.20			
		70% of EARTH				70%	47.04	cum	201.00	9455.04
15	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.								
		20% of SAND				20%	13.44	cum	371.00	4986.24
16	22.4	Supplying and stacking at site well decayed cow dung manure from approved source, including loading, unloading and carriage upto 10 km (manure measured in stacks will be reduced by 8% for payment) :								
		10% of cow dung				10%	6.72	cum	236.00	1585.92
17	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).								
		Earth For Garden					47.04			
		Sand For Garden					13.44			
		Sludge For Garden					6.72			
							67.20	cum	17.50	1176.00
							TOTAL (B) :-			84803.20

TOTAL (A+B) :-

266226.9

Precast Interlocking Concrete Blocks										
[As per P.W.D. - Building /Road S.O.R. In Force From 1.1.2015]										
S.NO.	SOR	PARTICULARS OF ITEMS	NO.	LENGTH	WIDTH	DEPTH	QTY	UNIT	RATE	AMOUNT
1	1.1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.In all Type of Soil.								
		Total length-	1	50.00	5.00	0.10	25.00			
							25.00	Cum	185	4625.00
2	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.								
		base	1.00	50.00	5.00	0.20	50.00			
							50.00	cum.	371.00	18550.00
3	3.1.3	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form wrok. 1:3:6 (1 cement :3 coarse sand :6 graded stone aggregate 40 mmmnominal size.								
		P.C.C	1	50.00	0.30	0.10	1.50			
							1.50	Cum	2970.00	4455.00
4	3.2.1	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).								
			2	50.00	0.20	0.30	6.00			
							6.00	CUM	4,163.00	24,978.00
5	2.1	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels for								
	2.1.1	Foundations, footings, base of columns and plinth beam in any shape and size.								
		beam bottom	2	50.00		0.30	30.00			
							30.00	SQM	139.00	4,170.00

6	3.12.1	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete: Thermo-Mechanically treated bars FE 415							
		Qty. As Per 3.2.1				6.00			
						360.00	kg	54.50	19,620.00
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 3mm thick filled by fine sand including leveling with surface vibrator, temping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm							
	12.65.2	Pigment Coloured (rubber mould) precast interlock concrete blocks							
			1	50.00	5.00	250.00			
						250.00	sqm	632.00	158000.00
							Total		234398

ESTIMATE FOR PYRAMID BUBBLER FOUNTAIN WITH INSTALLATION AND CONSTRUCTION WORK

1. Equidistantly fitted Nozzles in gang operation which gives the desired PYRAMID shaped arranged in Length giving it a mesmerizing view.

Sr. No.	Description	Unit	Rates	Amount
1	<p>1. Pond size required : Existing Pond.</p> <p>2. Height of water Effect : As per design & site (At no wind conditions)</p> <p>3. Nozzles : Heavy jet full bore nozzles made out brass , chrome plated and reamed for greater accuracy for precise effect and ball joint to facilitate the adjustment needed to achieve exact effect, 110-120 nos. approx as per site & design requirements.</p> <p>4. Luminaries in Nos. : 20 Nos. LED Water proof Light in multicolor for excellent view of water fountain at night. A luminary consists of 12 volts 27W water proof light. Nut-bolts and studs adjustable mounting brackets, gland for cable system</p> <p>5. H.P. of pump Set : 7.5 / 10 H.P. x 1 Nos. Submersible Pump set As per site requirement of kirloskar / Crompton / CRI /Lubi with proper head unit to perform according to fountain with suction suitable water filter suitable to be operated on 3 phase A.C. supply.</p> <p>6. Control Kiosk : Control panel comprising of sheet metal enclosure with hinged front door, back wall mounting type with provision for incoming and outgoing cable entry, with consisting of main incoming switch, A meter, V meter, over load relays, contractor unit ELCB. RCCB, with single phasing preventer rotary switch start stop push button switch indicating lamps complete with internal wiring lighting system shall be connected by separate switch.</p> <p>7. Fountain Structure : Fountain Structure of size 16'-18' length Made out of 3" B class G.I. Pipe Jindal make , Header for better accuracy, with machine made Flanges, valves, G.I. manifold, all fixed on adjustable structure, complete structure is coated with primer & Surfacer paint to avoid rust.</p> <p>8. PVC Cables 30 feet. 4/6 sq mm Submersible 3 core PVC copper cable from pump to panel and 50 feet 1.0 sq mm 4 core multilayer PVC copper cable Reputed Make (ISI) Mark</p> <p>9. Driver & controller High power led controller, sequencer drivers with overload protector and thermal protection.</p>	1		
2	Decorative designer Antique Light pole with light in front of fountain as per specification, and drawings			
	Antique Poles -3 M. HEIGHT	8		
Total (A) :-				

TRICOLOUR FOUNTAIN WITH INSTALLATION AND CONSTRUCTION WORK

1. Supply & Installation with Civil Work of "TRI COLOUR Fountain" (size 8 Meter length) ISO 2001:2015 Certified Company

Sr. No.	Description	Unit	Rates	Amount
NON SOR				
1	<p>1. Supply & Installation with Civil Work of "TRI COLOUR Fountain" (size 8 M length) ISO 2001:2015 Certified Company with Nozzle</p> <p>Body- Brass Chrome Plated Make-FK ,Open Well Submersible pump 10HP</p> <p>Make – Kirlosker / Crompton/ Lubi, Programmable Color Changing LED based Water Proof Nozzle Mounted Light</p> <p>Body – ABS Make –FK, CD, Programmable Controller for above said light</p> <p>Colour changing Effect</p> <p>Make - FK, Electrical panel 1Nos. Pump with MCB's, Ammeter, Voltmeter, Single phase preventer, indicating lights in 16 gauge Double door powder coated weather proof body Indoor Panel.</p> <p>(All accessories are of reputed make_), including supervision installation and transportation charges Inclusive of all taxes.</p>	1		
2	Decorative designer Antique Light pole with light in front of fountain as per specification, and drawings			
	Antique Poles -3 M. HEIGHT	20		
Total (B) :-				

ESTIMATE FOR BUBBLER FOUNTAIN WITH INSTALLATION AND CONSTRUCTION WORK

1. Equidistantly fitted Nozzles in gang operation which gives the desired shaped arranged in Length giving it a mesmerizing view.

Sr. No.	Description	Unit	Rates	Amount
1	1. Civil work: To be done 2. Height of water Effect : As per design & site (At no wind condit	2		
	Total © :-			

CONSTRUCTION OF CIVIL WORKS WITH LOGO KORBA

Sr.No	Description of Item	UNIT	Rate	Amount
1	PROVIDING, INSTALLATION, FIXING & COMMISSIONING OF PROPOSED "I LOVE KORBA" LED LOGO WITH ACRALIC LOGO OF SIZE 20FT X 5 FT HEIGHT ,WITH INSIDE LIGHT DEEMER OF RED AND BLUE COLOUR INCLUDING CABLE FIXED WITHIN ALL CONSTRUCTION WORKS GRANITE PLAFTORM WITH 8 NOS (5'0" HT) FRONT BUBBLE NOZZEL AT DHANCHAND CHOWK MUNICIPAL CORPORATION, KORBA (C.G.) COMPLETE DETALS AS PER DRAWINGS ATTACHED .			
		1		
	Total (D) :-			

Equidistantly fitted RAIN MAN in gang operation which gives the desired shaped arranged in Length IN SUBHASH CHOWLK

Sr.No	Description of Item	UNIT	Rate	Amount
1	PROVIDING, INSTALLATION, FIXING & COMMISSIONING OF PROPOSED RAIN MAIN FOUNTAIN WITH INSIDE LIGHT DEEMER OF RED AND BLUE COLOUR INCLUDING CABLE FIXED WITHIN ALL CONSTRUCTION WORKS GRANITE PLAFTORM WITH (5'0" HT) INCLUDING ALL CIVIL WORK LIGHTS AND PLANTATION.			
		1		
	Total (E) :-			
	Total (A+B+C+D+E) :-			