

कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क.908/उद्यान/2023

सिस्टम टेंडर नं. 140671

कोरबा दिनांक 04.07.2023

द्वितीय ई-निविदा आमंत्रण सूचना

कार्यालय नगर पालिक निगम, कोरबा द्वारा लोक निर्माण विभाग एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम 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 श्रेड्यूल अनुसार प्रतिशत दर पर ई-प्रोक्युरमेंट (E-Tendering) के माध्यम से निविदा प्रपत्र फार्म A में निविदा आमंत्रित की जाती है :-

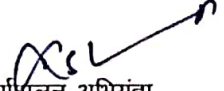
| क्र | कार्य का नाम | प्राक्कलन राशि (लाख में) | धरोहर राशि (FDR/TDR) | कार्यवधि | निविदा प्रतिभागी शुल्क (DD) | ठेकेदार का वर्ग | निविदा खुलने की तिथि |
|-----|--|--------------------------|----------------------|----------|-----------------------------|--------------------------|----------------------|
| 1 | पुष्पलता उद्यान का विकास एवं वार्षिक रख रखाव कार्य | 31.05 | 23500/- | 36 माह | 3000/- | वर्ग डी एवं प्रवर श्रेणी | 21.07.2023 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 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 (पार्टनरशीप 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 सिक्क्यूरिटी की गारंटी के रूप में से 03 वर्ष के लिए रोकੀ 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 तदअंतर्गत निर्धारित नियमों के तहत पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का 1 प्रतिशत उपकर के रूप में प्रत्येक देयक से कटौती की जावेगी।
- ईंट से संबंधित निर्माण कार्यों में फलाई 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 संवाहन एवं संधारण 3 वर्ष के लिए होगा।
- गजदूरों 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 गजदूरों 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, कोरवा 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।

16. 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, कोरवा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते हैं।


कार्यपालन अभियंता

नगर पालिक निगम

 कोरवा (छत्तीसगढ़)

प्रतिलिपि-

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

DETAIL AND ABSTRACT ESTIMATE FOR DEVELOPMENT OF PUSHPLATA 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 | 150.00 | 2.00 | 0.10 | 30.00 | | | | |
| | | FOR INNER PAVER | 1 | 50.00 | 1.20 | 0.10 | 6.00 | | | | |
| | | | | | | | 36.00 | cum | 371.00 | 13356.00 | |
| 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 CHEQUERED | 1 | 50.00 | 1.20 | 0.10 | 6.00 | | | | |
| | | | | | | | TOTAL | 6.00 | Cum | 2659.00 | 15954.00 |
| 3 | 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) upto 30mm Ht. For Wall | 2 | 150.00 | 0.20 | 0.60 | 36.00 | | | | |
| | | | | | | | TOTAL | 36.00 | Cum | 3265.00 | 117540.00 |
| 4 | | Providing and making 12mm thick cement plaster of mix: | | | | | | | | | |
| | | In Cement Mortar 1:6 (1 cement : 6 fine sand) | | | | | | | | | |
| | | Above ground | 4 | 70.00 | | 0.30 | 84.00 | | | | |
| | | Top of Wall | 4 | 53.00 | 0.20 | | 42.40 | | | | |
| | | | | | | | 126.40 | sqm | 91.50 | 11565.60 | |
| 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 | 70.00 | | 0.20 | 56.00 | | | | |
| | | | | | | | 56.00 | sqm | 107.00 | 5992.00 | |

DETAIL AND ABSTRACT ESTIMATE FOR DEVELOPMENT OF PUSHPLATA 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 |

| | | | | | | |
|--|---------------------|---|------|-------|----------|---------|
| <p>5. <u>Formwork and tying structural steel</u> concrete concrete with crushed stone aggregate using concrete mixer in form before placed and a ground level includ- ing cost of form work 1 x 2 ft with 20 mm nominal size Item no. 1.1.2 page 22</p> | | | | | | |
| | concrete | 4 | 1.20 | 1.20 | 4.80 | 4.80 |
| | wall | 1 | 1.00 | 1.00 | 1.00 | 1.00 |
| | under footing | 1 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | | | Total | 1.80/cum | 2074.00 |
| | | | | | | 5211.00 |
| <p>6. <u>Block work with mortar 1:3 with lime</u> 1 x 2 ft blocks conforming to IS 12394 (200) of class designation M3 in foundation and plinth in cement mortar 1:4 (cement 4 sand) Item no. 1.1.4 page 23</p> | | | | | | |
| | Foundation of wall | 1 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | | | Total | 1.00/cum | 1011.00 |
| | | | | | | 3782.70 |
| <p>7. <u>Block work with mortar 1:3 with lime</u> 1 x 2 ft blocks conforming to IS 12394 (200) of class designation M3 in superstructure cement mortar 1:4 (cement 4 sand) Item no. 1.1.4 page 23</p> | | | | | | |
| | superstructure wall | 1 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | | | Total | 1.00/cum | 4.70 |
| <p>8. <u>Decorations</u></p> | | | | | | |
| | plaster | 2 | 1.50 | 1.50 | 3.00 | 3.00 |
| | concrete | 4 | 1.50 | 1.50 | 6.00 | 6.00 |
| | W.P. 10 | 2 | 1.50 | 1.50 | 3.00 | 3.00 |
| | W.P. 20 | 2 | 1.50 | 1.50 | 3.00 | 3.00 |
| | | | | Total | 1.50/cum | 1241.00 |
| | | | | Total | | 3099.85 |
| <p>9. <u>Formwork and tying structural steel</u> concrete concrete with crushed stone aggregate using concrete mixer in all works up to floor level includ- ing cost of reinforcement and formwork 1 x 2 ft with 20 mm nominal size Item no. 1.1.2 page 22</p> | | | | | | |

| | | | | | | | | | | |
|----|--------|--|---|-------|-------|--------------------------|--------|------|---------|----------|
| | | 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 | 3.00 | 0.20 | 0.20 | 0.12 | | | |
| | | slab | | | | | | | | |
| | | ROOM | 1 | 3.00 | 2.50 | 0.10 | 0.75 | | | |
| | | chhajja | 1 | 3.00 | 0.60 | 0.080 | 0.14 | | | |
| | | | | | | Total: | 5.61 | cum | 4073.00 | 22849.53 |
| 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. | 611.00 | Kg | 54.50 | 33299.50 |
| 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 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 | 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 | 2.00 | | 6.00 | | | |
| | | | | | | total | 6.00 | sqm | 897.00 | 5382.00 |
| | | | | | | | | | | |
| 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. | | | | | | | | |
| | | | | 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 |

DETAIL AND ABSTRACT ESTIMATE FOR DEVELOPMENT OF PUSHPLATA 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 | 320.00 | 3.00 | 1920.00 | sqm | 67.00 | 128640.00 | |
| | | RETAINING WALL | 2 | 380.00 | 0.45 | 342.00 | sqm | 67.00 | 22914.00 | |
| 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 | 12.00 | 5.00 | 120.00 | | | | |
| | | RAILING | 2 | 160.00 | 2.00 | 640.00 | | | | |
| | | PLANTER RAILING | 2 | 148 | 1.5 | 444.00 | | | | |
| | | FOUNTAIN RAILING | 2 | 250 | 0.9 | 450.00 | | | | |
| | | | | | | 1654.00 | sqm | 38.50 | 63679.00 | |
| | | | | | | | | Total :- | 215233.00 | |
| | | | | | | | | To Say :- | 215000.00 | |

Amount In words- TWO LAKH FIFTEEN THOUSAND RUPEES ONLY


M/s. ARCH IDEAS 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 PUSHPLATA 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 | | | | | | | | | | |
| 4 | CGPW D ROAD SOR | MURALS | | | | | | | | |
| | | | 4 | 2.10 | 1.70 | | 14.28 | sqm | 3500.00 | 49980.00 |
| | | | | | | | | | TOTAL | 49980.00 |
| | | | | | | | | | Total :- A+B+C | 50000.00 |
| | | | | | | | | | To Say :- | 50000.00 |


Amount In words- FIFTY THOUSAND RUPEES ONLY


M/s. ARHIDEAS GROUP

Architect
Arch Ideas Group, Raipur
Ar. Sourabh Jogi

Partner



Sub Engineer
Municipal corporation Korba


Asst. Engineer
Municipal corporation Korba

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 |
| 3 | 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. | | | | | 7070.00 |
| PART-D | | | | | Item Rate |
| 1 | Supply of Voltas Water Cooler Capacity 60/120 ISI Marks. | Each | 1 | 51500.00 | 51500.00 |
| 2 | Supply of kent UV Water Filter. | Each | 1 | 11200.00 | 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 | 2800.00 |
| 4 | Supply and fixing of UPVC Coupler (Medium grade) (Kissan/Finolex) | | | | |
| | a) Size 15 mm Dia | Each | 20 | 55.00 | 1100.00 |
| 5 | Supply and fixing of Brass Fiting Elbow for UPVC Pipe (Medium grade) (Kissan/Finolex) | | | | |
| | a) Size 15 mm Dia | Each | 16 | 180.00 | 2880.00 |
| 6 | Supply of Brass Fiting MTA for UPVC Pipe (Medium grade) (Kissan/Finolex) | | | | |
| | a) Size 15 mm Dia | Each | 16 | 175.00 | 2800.00 |
| 7 | Supply of Brass Fiting FTA for UPVC Pipe (Medium grade) (Kissan/Finolex) | | | | |
| | a) Size 15 mm Dia | Each | 16 | 175.00 | 2800.00 |
| 8 | Supply and fixing of Brass Fiting Coupler for UPVC Pipe (Medium grade) (Kissan/Finolex) | | | | |
| | a) Size 15 mm dia | Each | 16 | 182.00 | 2912.00 |
| Total Rs. | | | | | 77992.00 |
| PART A+B+C+D Rs. | | | | | 133593.20 |
| Sat Rs. | | | | | 133600.00 |


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


 Sub Engineer
 Municipal corporation Korba


 Ass. Engineer
 Municipal corporation Korba

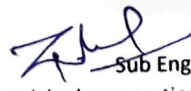
DETAIL AND ABSTRACT ESTIMATE FOR DEVELOPMENT OF PUSHPLATA UDYAN AT KORBA

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 | 16.00 | 0.20 | 4.00 | 12.80 | cum | 263.00 | 3366.40 |
| 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 | 600 | | | | kg | 2.10 | 1260.00 |
| 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 | 700 | | | | kg | 68.00 | 47600.00 |
| | | | | | | | | | Total :- | 60035.00 |
| | | | | | | | | | To Say :- | 60000.00 |

Amount In words- SIXTY 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 PUSHPLATA UDYAN AT KORBA

Name Of Work :- HORTICULTURE - 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 | 140.00 | sqm | 0.60 | 84.00 | | | |
| | | Mounds | 2 | 37.50 | sqm | 0.75 | 56.25 | | | |
| | | | | | | | 140.25 | | | |
| | | Increase 8% for Loose soil | | | 8% | | 11.22 | | | |
| | | | | | Total | | 151.47 | cum | 248.00 | 37565.00 |
| 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 | | | | | 151.47 | | | |
| | | | | | Total | | 421.47 | cum | 17.50 | 7376.00 |

DETAIL AND ABSTRACT ESTIMATE FOR DEVELOPMENT OF PUSHPLATA 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 | 3 | | | | 3.00 | EACH | 13820 | 41460.00 |
| 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 | 1500 | | | | 1500.00 | KG | 2 | 3000.00 |

| | | | | | | | | | |
|--|---------|--|----|--|--|-------|------|------|------------------|
| 5 | 3.2 | Providing and laying in position including testing following all flanged cast iron crosses (all sizes in mm) | | | | | | | |
| | | 80mm Dia | 20 | | | 20.00 | EACH | 1972 | 39440.00 |
| 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 | 13 | | | 13.00 | EACH | 3708 | 48204.00 |
| As per Estimate Amount Rs. | | | | | | | | | 350311.00 |
| To SAY | | | | | | | | | 350000.00 |
| Amount In words-THREE LAKH FIFTY 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 PUSHPLATA 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 | | | | |
| 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 | | | | | EACH | 1697.00 | 6788.00 | |
| | 6.6.1 | 300 MM SWEEP | 4 | | | 4.00 | | | | |
| 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 luminaries as per specification and p.f. should be greater than 0.9 LED chip Afficacy ratio 100 lumens per watt | | | | 4.00 | EACH | 2446.00 | 9784.00 | |
| | 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 | EACH | 546.00 | 2184.00 | |

| | | | | | | | | | |
|----|--------|--|----|--|--|-------|------|---------|----------|
| 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 | | | | | | | |
| | 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 | 15 | | | 15.00 | EACH | 1891.00 | 28365.00 |
| | 6.28.9 | 120 WATT | 6 | | | 6.00 | EACH | 6844.00 | 41064.00 |
| 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 | 60 WATT | 2 | | | 2.00 | EACH | 9475.00 | 18950.00 |

| | | | | | | | | | |
|------|--------|--|----|--|--|-------|------|---------|---------|
| 6.69 | | | | | | | | | |
| 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 | 6 | | | 6.00 | EACH | 647.00 | 3882.00 |

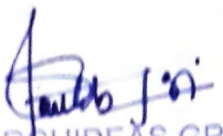
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|-------|---------|--|--------|--|--|--------|------|---------|----------|
| 10.17 | | | 6 | | | 6.00 | | | |
| 19 | | providing and fixing panel mounting 230 volt LED type indicating lamp in existing cubical panel including connections testing and commissioning etc as per specification | | | | | | | |
| | | | | | | | EACH | 94.00 | 564.00 |
| 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 |
| 12.18 | | | 80 | | | 80.00 | | | |
| 21 | | 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 | | | | | | | |
| | | | | | | | MTR | 19.00 | 1520.00 |
| 15.8 | | | | | | | | | |
| 22 | | 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. | 100.00 | | | 100.00 | MTR | 94.00 | 9400.00 |
| | 15.8.13 | 4X10 sq.m | 80.00 | | | 80.00 | MTR | 115.00 | 9200.00 |
| | 15.8.14 | 4X16 sq.m. | 40.00 | | | 40.00 | MTR | 122.00 | 4880.00 |
| | 15.8.15 | 4X25 sq.m. | 60.00 | | | 60.00 | MTR | 144.00 | 8640.00 |

| | | | | | | | | | |
|----|---------|---|-------|--|--|-------|------|--------|---------|
| 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. | 30.00 | | | 30.00 | MTR | 21.00 | 630.00 |
| | 15.29.3 | 16 SQ. M. | 15.00 | | | 15.00 | MTR | 22.00 | 330.00 |
| | 15.29.4 | 25 SQ.M. | 15.00 | | | 15.00 | MTR | 24.00 | 360.00 |
| 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 |
| 26 | 19.17 | supplying and fixing PVC water type terminal box of approved make an brand with detachable gland plate in bottom hinseed front open cover rubbed 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 | | | |
| | | | | | | | EACH | 2861.00 | 5722.00 |
| 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 |
| 31 | 7.11 | providing and fixing for sale in revirable fuse career and base unit on wooden board including drilling holes on the board screws connections etc as per specification | | | | | | | |
| | 7.11.6 | 300 amp | 5.00 | | | 5.00 | EACH | 797.00 | 3985.00 |
| 32 | 7.19 | fabrication supply installation testing and commissioning of cubical type compartmentalised wall floor mounted power kam control panel board of specified size and following depth made out of not less than two mm thick crms powder coated sheet with suitable size compartments for bus bar switch gears and necessary cut outs for voltmeter ammeters extra as per specification including powder coating painting but without busbars gears and other accessories etc complete as per specification | | | | | | | |
| | 7.19.1 | upto 300 mm deep | 4 | | | 4.00 | EACH | 6818.00 | 27272.00 |

| | | | | | | | | | |
|----|--------|---|---|--|--|------|------|--------------|------------------|
| 33 | 20 | supply and installation testing and commissioning of four pole aluminium bus bars in existing cubical type compartmentalised wall floor mounted panel board along with suitable size and shape insulator necessary bolts and nuts etc complete as per specification | | | | | | | |
| | 7.20.1 | 100 amp | 4 | | | 4.00 | EACH | 717.00 | 2868.00 |
| | | | | | | | | TOTAL | 350207.00 |
| | | | | | | | | SAY | 350000.00 |

Amount In words-THREE LAKH FIFTY 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 PUSHPLATA UDYAN AT KORBA

Name Of Work :- PLACEMENT OF SIGNAGE BOARDS

| S. No. | I. No. | PARTICULAR | Measurement | | | | QTY | UNIT | RATE | AMOUNT |
|-----------------------|--------|------------------------|-------------|---|---|-----|------|------|------------------|-----------------|
| | | | NO | L | B | D/H | | | | |
| SIGNAGE BOARDS | | | | | | | | | | |
| 1 | NSR | CIRCULATION PLAN BOARD | | | | | | | | |
| | | | 1 | | | | 1.00 | Each | 10000.00 | 10000.00 |
| 2 | NSR | DIRECTION SIGNAGES | | | | | | | | |
| | | | 8 | | | | 4.00 | Each | 2500.00 | 10000.00 |
| 3 | NSR | BUILDING BLOCK TAGS | | | | | | | | |
| | | | 2 | | | | 2.00 | Each | 2000.00 | 4000.00 |
| | | | | | | | | | TOTAL A | 24000.00 |
| | | | | | | | | | To Say :- | 24000.00 |

Amount In words-FOUR LAKH SIXTY FIVE 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 PUSHPLATA UDYAN AT KORBA

Name Of Work - **PLACEMENT OF GARDEN FURNITURES AND DUSTBINS**

| Garden furniture | | | | | | | | | | |
|------------------|--------|--|-------------|---|---|-----|------|------|----------|-----------|
| S. No. | I. No. | PARTICULAR | Measurement | | | | QTY | UNIT | RATE | AMOUNT |
| | | | NO | L | B | D/H | | | | |
| 1 | NSR | Cast Iron Bench (UC-414-CED) Providing and installation of cast iron bench for the capacity of three adults for cast iron setting portion is made up of MS rectangle tube and the stand are made up of cast iron crossing process. Paint given to the bench powder quoted that will be increase the life of the product complete as per direction of Engg in charge. | | | | | | | | |
| | | | 4 | | | | 4.00 | Each | 19814.00 | 79256.00 |
| 2 | NSR | DUST BIN IN EHTENIC DESIGN Providing and fixing of dust bin including transportation, stacking, fixing, labor etc complete as per direction of Engg in charge. | | | | | | | | |
| | | | 4 | | | | 4.00 | Each | 7780.00 | 31120.00 |
| | | | | | | | | | Total - | 110376.00 |
| | | | | | | | | | To say - | 110376.00 |

Amount in words: **ONE LAKH TEN THOUSAND RUPEES ONLY**


Mr. ANSHU DAS GUPTA
 Architect
 Anshu Das Gupta, Raipur
 A-1, Saurabh Nagar, Raipur


 Sub Engineer
 Municipal corporation Korba


 Sub Engineer
 Municipal corporation Korba

DETAIL AND ABSTRACT ESTIMATE FOR DEVELOPMENT OF PUSHPLATA UDYAN AT KORBA

Name Of Work :- PLACEMENT OF SIGNAGE BOARDS

| S. No. | I. No. | PARTICULAR | Measurement | | | | QTY | UNIT | RATE | AMOUNT |
|-----------------------|--------|------------------------|-------------|---|---|-----|------|------|------|--------|
| | | | NO | L | B | D/H | | | | |
| SIGNAGE BOARDS | | | | | | | | | | |
| 1 | NSR | CIRCULATION PLAN BOARD | | | | | | | | |
| | | | 1 | | | | 1.00 | Each | | |
| 2 | NSR | DIRECTION SIGNAGES | | | | | | | | |
| | | | 8 | | | | 4.00 | Each | | |
| 3 | NSR | BUILDING BLOCK TAGS | | | | | | | | |
| | | | 2 | | | | 2.00 | Each | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

Sourabh Jogi
M/s. ARCH IDEAS GROUP

Architect
Arch Ideas Group, Raipur
Ar. Sourabh Jogi

Partner

Sub Engineer

Sub Engineer
Municipal corporation Korba

Asst. Engineer

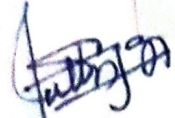
Municipal corporation Korba

DETAIL AND ABSTRACT ESTIMATE FOR DEVELOPMENT OF PUSHPLATA UDYAN AT KORBA

Name Of Work :- PLACEMENT OF GARDEN FURNITURES AND DUSTBINS

Garden furniture

| S. No. | I. No. | PARTICULAR | Measurement | | | | QTY | UNIT | RATE | AMOUNT |
|--------|--------|--|-------------|---|---|-----|------|------|------|--------|
| | | | NO | L | B | D/H | | | | |
| 1 | NSR | Cast Iron Bench (UC-814-GD) Providing and installation of cast iron bench for the capacity of three adults for cast iron setting portion is made up of MS rectangle tube and the stand are made up of cast iron crossing process. Paint given to the bench powder quoted that will be increase the life of the product complete as per direction of Engg. in charge. | | | | | | | | |
| | | | 4 | | | | 4.00 | Each | | |
| 2 | NSR | DUST BIN IN EHTENIC DESIGN Providing and fixing of dust bin including transportation, stacking, fixing, labor etc. complete as per direction of Engg in charge. | | | | | | | | |
| | | | 4 | | | | 4.00 | Each | | |


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


 Sub Engineer
 Municipal corporation Korba


 Asst. Engineer
 Municipal corporation Korba

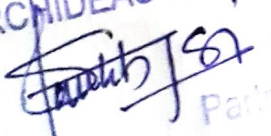
DETAIL AND ABSTRACT ESTIMATE FOR DEVELOPMENT OF PUSHPLATA UDYAN AT KORBA

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 |
| As per Estimate Amount Rs. | | | | | | | | | 50000.00 | |
| Say Rs. | | | | | | | | | 50000.00 | |

Amount In words- FIFTY THOUSAND RUPEES ONLY

M/s. ARCHIDEAS GROUP

 Architect
 Arch Ideas Group, Raipur
 Ar. Sourabh Jogi

Sub Engineer
 Municipal corporation Korba.


 Asst Engineer
 Municipal corporation Korba

DETAIL AND ABSTRACT ESTIMATE FOR DEVELOPMENT OF PUSHPLATA UDYAN AT KORBA

Name Of Work :- OPERATION & MAINTENANCE

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

| S. No. | SCOPE OF WORK | AMOUNT |
|--------|--|--------|
| 1 | ANNUAL MAINTENANCE CHARGE IS APPLICABLE FOR 3 YEAR ONLY AFTER COMPLETE EXECUTION OF SITE | |
| 2 | INCLUDING THE WORK OF GRASS CUTTING, CLEANING AND 24 HRS SECURITY ARRANGEMENT IN PUSHPLATA UDYAN | |
| 3 | MAINTENANCE OF GARDEN BY A GARDENER INCLUDING WATERING THE PLANTS , MANURE PROVIDING AND ALL THE REQUIRED NECESSARY THINGS . | |
| 4 | REPAIRING AND MAINTENANCE OF FOUNTAIN UPTO 3 YEARS , <i>WATER SUPPLY SYSTEM ALSO INCLUDED</i> | |
| 5 | REPAIR AND MAINTENANCE OF PLAY EQUIPMENTS , GYM EQUIPMENTS AND ELECTRIFICATION WORK ALSO INCLUDED | |
| | PERTICULARS | TOTAL |
| | YEARS | |
| | MAINTENANCE COST FOR 3 YEAR | |


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


 Sub Engineer
 Municipal corporation Korba

Ass. Engineer
 Municipal corporation Korba