

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

फा.क./निर्माण /2019

सिस्टम टेन्डर नं. 53209
ई-निविदा आमंत्रण सूचना


कोरबा, दिनांक 16/07/2019

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 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 | वार्ड क 07 में सामुदायिक भवन का निर्माण कार्य | 39.60 | 29700/- | 08 माह | वर्ग डी एवं प्रवर श्रेणी | 06.08.2019 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, पूर्व में इस प्रकार के किये गये कार्यों की प्रमाणित सूची, 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 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 देना 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 फ्लाइ ईश 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)

Date-Time Detail(s)

| Seq. No. | Nagar Nigam Stage | Contractor Stage | Start | | Expiry | | Remarks |
|----------|-------------------|------------------|----------|-------|----------|-------|----------------|
| | | | Date | Time | Date | Time | |
| 1 | Release Tender | | 16.07.19 | 20.30 | 16.07.19 | 12.30 | Release Tender |
| 2 | | Bid Submission | 16.07.19 | 12.30 | 05.08.19 | 17.30 | |
| 3 | Tender Open | | 06.08.19 | 10.30 | -- | -- | |


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

OFFICE OF THE MUNICIPAL CORPORATION KORBA

ABSTRACT

THE CONSTRUCTION OF COMMUNITY CENTER AT WARD NO 07

PART A

SUB STRUCTURE

| S.NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|-------|---|------|---------|---------|-----------|
| 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 site | | | | |
| A | 1.1.1 In all types of soil | CUM | 265.07 | 185.00 | 49038.69 |
| B | Extra for every additional lift of 1.5 m or part thereof. 1.6.1 All types of soils | CUM | 57.56 | 33.00 | 1899.61 |
| 2 | 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. 1.18 | CUM | 56.50 | 371.00 | 20960.02 |
| 3 | 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. 3.1.2 | CUM | 58.60 | 2659.00 | 155806.76 |
| 4 | Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels. for: a)Foundations, footings, base of columns and plinth beam in any shape and size.2.1.1 | Sqm | 447.21 | 139.00 | 62162.19 |
| 5 | 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.. 1:1 1/2:3 (1 cement : 1 1/2 coarse sand : 3 graded stone aggregate 20mm nominal size) 3.2.1 | CUM | 62.62 | 4163.00 | 260699.55 |
| 6 | 3.12 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: 3.12.2 Thermo-Mechanically treated bars FF 500D | Kgs | 6262.30 | 54.50 | 341295.35 |
| 7 | 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 1:5 (1 cement : 6 coarse sand) | CUM | 52.31 | 3263.00 | 170679.37 |

| S.NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|-------|---|------|--------|-------|----------|
| 8 | 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. 1.17 | CUM | 527.69 | 65.00 | 34300.05 |

Total:- 1096841.59

SUPER STRUCTURE

| | | | | | |
|---|---|-----|---------|---------|-----------|
| 1 | Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels. for: | | | | |
| A | 2.1.7 Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ) | Sqm | 184.00 | 235.00 | 43240.00 |
| B | 2.1.8 Beams, lintels, cantilevers & walls | Sqm | 288.60 | 202.00 | 58297.20 |
| C | 2.1.5 Columns, Pillars, Piers and likes-rectangular or square in shape | Sqm | 109.44 | 297.00 | 32503.68 |
| 2 | 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.. 1:1 1/2:3 (1 cement : 1 1/2 coarse sand : 3 graded stone aggregate 20mm nominal size). (3.2.1) & 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 | CUM | 38.75 | 4260.50 | 165083.72 |
| 3 | 3.12 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: 3.12.2 Thermo-Mechanically treated bars FF 500D | Kgs | 3874.75 | 54.50 | 211173.88 |
| 4 | Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 40 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand) & extra for brick work in superstructure: Above plinth and upto floor five level.7.5.4 & 7.6 | CUM | 80.03 | 3384.00 | 270818.14 |
| 5 | 9.13 Providing and fixing steel door/ window with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of red oxide zinc chromate primer. | kgs | 959.10 | 75.00 | 71932.50 |

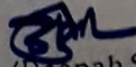
| S.NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|-----------|---|-------|---------|---------|----------|
| 6 | 6mm thick cement plaster of mix:11.1.2 In Cement mortar 1:4 (1 cement : 4 fine sand) | Sqm | 427.30 | 87.00 | 37175.10 |
| | 20mm thick cement plaster of mix:11.2.3 In Cement Mortar 1:5 (1 cement : 5 fine sand) | Sqm | 1004.47 | 96.50 | 96931.60 |
| 8 | 15mm thick cement plaster on the rough side of single or half brick wall of mix:11.3.3 In Cement Mortar 1:5 (1 cement : 6 fine sand) | Sqm | 850.12 | 113.00 | 96063.84 |
| 9 | 12.12 Providing and laying vitrified floor tiles with soluble salt printing, of size 600x600mm with water absorption less than 0.5% and conforming to IS: 15622 of approved make, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete | Sqm | 102.94 | 963.00 | 99131.22 |
| 10 | Kotah Stone Work | | | | |
| A | 12.50 KOTA stone slab 25mm thick in risers and treads of steps, skirting dado and pillar laid in 12mm (Average) thick cement mortar 1:3 (1cement : 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete. (single stone is to be used for riser and treads of steps and the width of stone for skirting and dado shall be equal to the height of skirting/ dado up to length of 1.0 M.) | sqm | 28.35 | 990.00 | 28066.50 |
| B | 13.17 Providing and fixing 15mm thick Granite (machine cut, table rubbed & mirror polished on both sides) for partition curtain in toilets or similar locations of required size in wall with cement mortar 1:4 (1 cement : 4 coarse sand) including cutting chase in wall and joint with wall treated with white cement mixed with matching pigment including rubbing and polishing to edge moulding to give high gloss finish. 13.17.1 Granite stone grey/pink | sqm | 5.40 | 2111.00 | 11399.40 |
| C | 12.51 Extra for nosing in steps and treads of Kota stone slab. | Meter | 73.80 | 69.50 | 5129.10 |
| 11 | Distemping with acrylic washable distemper to give an even shade.14.9.1 On new work (Two or more coats) | Sqm | 1277.42 | 38.00 | 48542.06 |
| 12 | Finishing walls with water proofing cement paint of required shade to give an even shade. 14.14.1 On new work (Two or more coats applied @ 3.84 kg/10 sqm) | Sqm | 1004.47 | 41.00 | 41183.37 |

| S.NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|-------|---|------|---------|--------|-----------|
| 13 | Painting on new work (two or more coats) to give an even shade with: 14.22.2 Premium synthetic enamel paint (2nd top most approved branded quality) to give an even shade. | Sqm | 142.60 | 47.00 | 6702.29 |
| 14 | Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care, Alltek Superfine W/R of (NCL), Asian, ICI, Nerolac, J.K. wall putty) on walls to make the surface smooth and even. 14.13 | Sqm | 2281.90 | 94.50 | 215639.08 |
| 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.. 9.15 | Kgs | 1280.25 | 67.50 | 86416.88 |
| 16 | Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete. 12.7& 12.7.2 Size above 200x300mm | Sqm | 137.70 | 646.00 | 88954.20 |
| 17 | Kota Stone Flooring | | | | |
| A | 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) | Sqm | 258.60 | 897.00 | 231964.20 |
| B | 12.50 KOTA stone slab 25mm thick in risers and treads of steps, skirting dado and pillar laid in 12mm (Average) thick cement mortar 1:3 (1cement : 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete. (single stone is to be used for riser and treads of steps and the width of stone for skirting and dado shall be equal to the height of skirting/ dado up to length of 1.0 | Sqm | 14.49 | 990.00 | 14345.10 |

| S.NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|-------|--|-------|---------|---------|-----------|
| 18 | 9.11 Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rails of T-iron 40x40x6mm with 38mm steel pulleys complete with bolts, nuts, locking arrangement stoppers, handles including applying a priming coat of red oxide zinc chromate primer | sqm | 10.00 | 3330.00 | 33300.00 |
| 19 | 9.3 Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer.9.3.2 Electric resistance or induction butt welded tubes Grade-300 | Kgs | 3139.27 | 93.50 | 293521.93 |
| 20 | 10.10 Extra for providing and fixing wind ties of 40x6mm flat iron section. | Meter | 180.00 | 118.00 | 21240.00 |
| 21 | 10.11 Supply and fixing of precoated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. | Sqm | 261.60 | 636.00 | 166377.60 |
| 22 | 10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete :10.16.1 Ridges plain (500-600mm) | meter | 18.00 | 552.00 | 9936.00 |

| | | | | | |
|-----------------|----|------------|--|-------|------------|
| | | | | Total | 2485068.58 |
| SUB Structure | RS | 1096841.59 | | | |
| Super Structure | RS | 2485068.58 | | | |
| Total | RS | 3581910.17 | | | |

for Space & view

For : **SPACE & VIEW**
 Ar Deepak Soni

 (Deepak Soni)
 Architect & Civil Engineer

OFFICE OF THE MUNICIPAL CORPORATION KORBA
THE CONSTRUCTION OF COMMUNITY CENTER AT WARD NO 07
WATER SUPPLY WORKS

| S.No. | Particulars of Item | Qty | Unit | Rate | Amount |
|-------|---|-------|-------|--------|----------|
| 1 | 19.5 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes in concealed in wall, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints including cutting chases and making good the walls etc complete as per direction of Engineer in Charge. | | | | |
| | 19.5.1 15 mm nominal outer dia .Pipes. | 50.00 | metre | 133.00 | 6650.00 |
| | 19.5.2 20 mm nominal outer dia .Pipes. | 50.00 | metre | 167.00 | 8350.00 |
| | 19.5.3 25 mm nominal outer dia .Pipes. | 50.00 | metre | 213.00 | 10650.00 |
| | 19.5.4 32 mm nominal outer dia .Pipes. | 40.00 | metre | 284.00 | 11360.00 |
| 2 | 19.4 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes on wall surface, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. exposed on wall | | | | |
| | 19.6.4 32 mm nominal outer dia .Pipes. | 60.00 | metre | 228.00 | 13680.00 |
| | 19.6.5 40 mm nominal outer dia .Pipes. | 50.00 | metre | 300.00 | 15000.00 |
| 3 | 19.14 Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required: | | | | |
| | 19.14.1 Bib cock (450gms) | 7.00 | each | 382.00 | 2674.00 |
| | 19.14.3 Long body bib cock (500gms) | 7.00 | each | 426.00 | 2982.00 |
| | 19.14.4 Piller Cock (400 grams) | 8.00 | each | 398.00 | 3184.00 |
| | 19.14.7 Angle valve for basin mixer and geyser points (450 grams) | 8.00 | each | 382.00 | 3056.00 |
| | 19.14.19 Health foscet (hand jet) with flexible connection pipe (for WC) | 4.00 | each | 774.00 | 3096.00 |
| | 19.14.12 Bottle trap set with extension pipes | 8.00 | each | 473.00 | 3784.00 |
| 4 | 19.15 Providing and fixing stainless steel drain jali of approved make/quality. | | | | |
| | | 4.00 | each | 51.00 | 204.00 |
| 5 | 19.18 Providing and fixing gun metal non-return valve (horizontal type) of approved quality (screwed end) : | | | | |
| | 19.18.2 32 mm nominal bore | 1.00 | each | 556.00 | 556.00 |
| | 19.18.3 40 mm nominal bore | 1.00 | each | 688.00 | 688.00 |

| S.No. | Particulars of Item | Qty | Unit | Rate | Amount |
|-------|--|---------|-------|---------|----------|
| | 19.42 Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank. | 2000.00 | Litre | 7.30 | 14600.00 |
| 7 | 19.43 Cutting holes upto 30x30 cm in walls including making good the same : | 5.00 | each | 125.00 | 625.00 |
| 8 | 19.44 Cutting holes upto 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including finishing complete so as to make it leak proof. | 5.00 | each | 94.00 | 470.00 |
| 9 | 19.47 Constructing masonry Chamber 30x30x50 cm, inside with modular well burnt clay bricks of 35 kg/ cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12mm thick finished with a floating coat of neat cement complete as per standard design : | 4.00 | Each | 754.00 | 3016.00 |
| 10 | 19.48 Constructing masonry Chamber 60x60x75 cm, inside with modular well burnt clay bricks of 35 kg/ cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm. top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design : | 2.00 | Each | 4644.00 | 9288.00 |

| S.No. | Particulars of Item | Qty | Unit | Rate | Amount |
|-------|--|-------|-------|---------|---------|
| | 18.76 Providing and fixing on wall face UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. | | | | |
| | 18.76.2 110 mm dia pipe. | 12.00 | meter | 267.00 | 3204.00 |
| 12 | 18.77 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion | | | | |
| A | 18.77.1 Tee/ Tee with door/ Bend 45°/ Bend 90° | | | | |
| | 18.77.1.2 110 mm | 4.00 | each | 154.00 | 616.00 |
| B | 18.77.5 "P" trap 110mmx110mm long | 3.00 | each | 227.00 | 681.00 |
| C | 18.77.6 Nahani trap 110x75mm | 6.00 | each | 90.50 | 543.00 |
| D | Vent cover 18.75.6.2 110 mm | 2.00 | each | 44.00 | 88.00 |
| 13 | 18.76 Providing and fixing UV stabilized Unplasticised -PVC pipe clips of approved design to Rigid PVC pipes by means of 50x50x50mm hard wood plugs, screwed with M.S. screws of required length including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete. | | | | |
| | 18.76.2 110 mm | 20.00 | each | 61.00 | 1220.00 |
| 14 | 18.1 Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS : 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required : | | | | |
| | 18.1.3 White Orissa pattern W.C. pan of size 580x440 mm | 3.00 | each | 2899.00 | 8697.00 |
| 15 | 18.4 Providing and fixing vitreous china water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 litre low level white P.V.C. flushing cistern (same colour), conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required . | | | | |
| | 18.4.1 White pedestal type | 2.00 | each | 2882.00 | 5764.00 |

| S.No. | Particulars of Item | Qty | Unit | Rate | Amount |
|-------|--|-------|-------|---------|--------------|
| | 18.13 Providing and fixing white vitreous china urinal basin with waste fitting as per IS : 2556, and other couplings in C.P. brass complete: | | | | |
| | 18.13.1 Flat back half stall urinal of size 460x380x350mm | 8.00 | each | 1776.00 | 14208.00 |
| 17 | 18.17 Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required : | | | | |
| | 18.17.1 White Size 550x450 mm | 4.00 | each | 1430.00 | 5720.00 |
| 18 | 18.30 Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing : | | | | |
| | 18.28.1 5mm thick mirror | 1.00 | sqm | 2016.00 | 2016.00 |
| 19 | 20.6 Providing, lowering, laying, aligning, fixing in position at and jointing at all level/ depths ISI marked HDPE pipes of PE-100 grade and PN 6 for sewer application as per IS 14333-1996 (amended upto date) in trenches in complete including all material, labour, testing and commissioning as per direction of Engineer | | | | |
| | 20.6.1 100 mm dia | 30.00 | meter | 366.00 | 10980.00 |
| | 20.6.2 150 mm dia | 30.00 | meter | 771.00 | 23130.00 |
| | | | | Total | Rs 190780.00 |
| | | | | Say RS | 190780.00 |

for, Space & View

Ar Deepak Soni

For : **SPACE & VIEW**



(Deepak Soni)
Architect & Civil Engineer



OFFICE OF THE MUNICIPAL CORPORATION KORBA(c.g.)
THE CONSTRUCTION OF COMMUNITY CENTER AT WARD NO 07

ELECTRICAL

| NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|------------------------|---|-------|--------|---------|----------|
| Electrical work | | | | | |
| 1 | Wiring for light/ fan/ exhaust fan / call bell point with 1.5 sqmm FR PVC insulated stranded copper conductor single core cable in concealed PVC conduit, with 5 amp modular switch, modular base and cover plate, suitable size G.I. box and earthing the point with same size cable as required. | | | | |
| a | Short Point[ITEM NO. 3.7(1)] | Point | 20.00 | 278.00 | 5560.00 |
| b | Medium Point[ITEM NO. 3.7(2)] | Point | 30.00 | 431.00 | 12930.00 |
| c | Long Point[ITEM NO. 3.7(3)] | Point | 25.00 | 595.00 | 14875.00 |
| 2 | Wiring for twin control light point with 1.5 sqmm FR PVC insulated stranded copper conductor single core cable in concealed PVC conduit, with 5 amp modular switch, modular base and cover plate, suitable size G.I. box and earthing the point with same size cable as required.[ITEM NO. 3.8] | Point | 5.00 | 417.00 | 2085.00 |
| 3 | Extra for providing and fixing light plug point on board in concealed PVC conduit point wiring with modular type 3 pin 5 amp socket outlet and 5 amp switch including cost of base and cover plate and G. I. box etc. as required.[ITEM NO. 3.9] | Point | 10.00 | 240.00 | 2400.00 |
| 4 | Wiring for light plug point with 2x2.5 sq mm FR PVC insulated stranded copper conductor cable in concealed PVC conduit along with modular type 6 Amp switch and 3 pin 6 amps socket outlet with modular base and cover plate, suitable size G.I. box, earthing the switch box and socket outlet with same size cable etc. as required.(3)Long Point[ITEM NO. 3.10(3)] | Point | 5.00 | 988.00 | 4940.00 |
| 5 | Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/ concealed, steel/ PVC conduit/ PVC casing capping as required. | | | | |
| a | 2 x 2.5 sq. mm[ITEM NO. 5.11(11)] | Metre | 100.00 | 46.50 | 4650.00 |
| b | 3 x 2.5 sq. mm[ITEM NO. 5.11(12)] | Metre | 50.00 | 64.50 | 3225.00 |
| c | 1 x 1.5 sq. mm[ITEM NO. 5.11(1)] | Metre | 100.00 | 22.00 | 2200.00 |
| d | 3 x 6 sq. mm[ITEM NO. 5.11(24)] | Metre | 25.00 | 132.00 | 3300.00 |
| e | Supplying, installation, testing and commissioning of following sizes ceiling fan including wiring the down rods of standard length up to 30 cm with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable, earthing etc. complete as required.(2)1200 mm sweep[ITEM NO. 2.1(2)] | Each | 22.00 | 1503.00 | 33066.00 |

| NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|-----|---|-------|-------|---------|----------|
| 7 | Supplying, installation, testing and commissioning of following T-5 fluorescent fitting (luminaries) complete with electronic ballast without fluorescent lamp, on ceiling/ wall surface, earthing the fitting etc. as required.(1)Single box type with decorative end caps[ITEM NO. 8.11(1)] | Each | 30.00 | 635.00 | 19050.00 |
| 8 | Supplying, fixing, testing and commissioning of following 230/250 volts fluorescent lamp (tube) in existing lighting luminaries as required.(2)4' x 28 watt (T-5)[ITEM NO. 8.12(2)] | Each | 30.00 | 143.00 | 4290.00 |
| 9 | Supplying, fixing, testing and commissioning of following CFL (Built in choke type) in existing lighting luminaries as required.(5)20 Watt[ITEM NO. 8.18(5)] | Each | 10.00 | 233.00 | 2330.00 |
| 10 | Supplying and fixing wall/ floor mounted metal board of welded construction, fabricated with minimum 50mmX 50mm X 6mm angle iron frame work, with horizontal and vertical intermediate members of suitable angle/flat iron for mounting of switch gears including painting etc as required [ITEM NO. 9.11] | sqm | 1.00 | 2878.00 | 2878.00 |
| 11 | Supplying and fixing metal clad busbar chamber made of 1.6 mm thick CRCA sheet with 4 strip copper busbars of following capacity and length, complete with all accessories, including earthing the body etc. as required.(1)100 amps x 300mm long[ITEM NO. 9.2(1)] | each | 1.00 | 1646.00 | 1646.00 |
| 12 | Fabrication, supply, installation, testing and commissioning of cubicle type compartmentalized wall/ floor mounted power cum control panel board of specified size and following depth made out of not less than 2 mm thick CRCA MS sheet with suitable size compartments for bus bars, switchgears and necessary cutouts for voltmeters, ammeters etc as per specifications including powder coating painting but without busbars, switchgears and other accessories etc complete as required.(Only face area is to be measured)(2)Above 300 mm and upto 450 | sqm | 1.00 | 7167.00 | 7167.00 |
| 13 | Supply, installation, testing and commissioning of 4 pole (3 phase + neutral) aluminium bus bars in existing cubicle type compartmentalized wall/ floor mounted panel board along with suitable size and shape insulators, necessary bolts and nuts etc complete as required.(6 | | | | |
| A | 200 amp (30x5mm)[ITEM NO. 9.20(2)] | Metre | 1.00 | 858.00 | 858.00 |

| NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|-----|--|------|-------|---------|---------|
| 14 | Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.(4)3 pole MCCB, 100A, Adjustable Thermal - Magnetic Release, 25KA[ITEM NO. 11.1(4)] | each | 2.00 | 3898.00 | 7796.00 |
| 15 | Supplying and fixing on surface/ recess following way, 240 volts SP&N MCB distribution board of sheet steel phosphatized and powder painted complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, including interconnections, earthing etc. as required. (But without MCB/RCCB/Isolator)(5)4 way, Double door[ITEM NO. 11.2(5)] | each | 4.00 | 815.00 | 3260.00 |
| 16 | Supplying and fixing on surface/ recess vertical type following way, 415 volts, TPN MCB distribution board of sheet steel phosphatized and powder painted, with 200 amps tinned copper busbar, common neutral link, earth bar, din bar, detachable gland/ knock out plate, including interconnections, earthing etc. as required. (But without MCB/RCCB/Isolator) (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)(4)4 way (4 + 12), Double door[ITEM NO. 11.5(4)] | each | 1.00 | 4314.00 | 4314.00 |
| 17 | Supplying and fixing SP MCB, 240 volts, 'B' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as required.(1)6 amps to 32 amps[ITEM NO. 11.10(1)] | each | 10.00 | 154.00 | 1540.00 |
| 18 | Supplying and fixing following rating, 240 volts TWO POLE ISOLATOR in the existing MCB DB complete with connections, testing and commissioning etc. as required.(3)63 amps[ITEM NO. 11.18(3)] | each | 2.00 | 351.00 | 702.00 |
| 19 | Supplying and fixing following rating, 415 volts, FOUR POLES, ISOLATOR in the existing MCB DB complete with connections, testing and commissioning etc. as required.(3)100 amps[ITEM NO. 11.19(3)] | each | 2.00 | 679.00 | 1358.00 |
| 20 | Providing and fixing following capacity TP&N disconnecter fuse switch unit inside the existing cubicle panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making connections, testing and commissioning etc as required. (Connecting lead if required shall be paid separately)(4)125 Amp TP&N[ITEM NO. 12.5(4)] | each | 2.00 | 3876.00 | 7752.00 |

| NO. | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|-----|--|-------|-------|---------|---------|
| 21 | Providing and fixing penal mounting 230 volt LED type indicating lamp in existing circular panel including, connections, testing and commissioning etc. as required.[ITEM NO. 12.171 | each | 9.00 | 89.00 | 801.00 |
| 22 | Supplying and laying following sizes one number PVC insulated/ XLPE, PVC sheathed, unarmoured, aluminium conductor power cable of 1.1 KV grade on surface/ existing cable tray with 1 mm thick G.I saddle as required (13) | | | | |
| a | 4 x 10 sq. mm.[ITEM NO. 17.8(13)] | meter | 50.00 | 108.00 | 5400.00 |
| 23 | Supplying and laying following sizes one number PVC insulated/ XLPE, PVC sheathed, unarmoured, aluminium conductor power cable of 1.1 KV grade on surface/ existing cable tray with 25x3 mm MS flat clamp and steel dash fastener/ G.I. bolts and nuts as required (1) | | | | |
| a | 3.5 x 50 sq. mm.[ITEM NO. 17.9(1)] | meter | 15.00 | 297.00 | 4455.00 |
| 24 | Earth work in all type soil except soft rock / hard rock with all lead and 1.5 metre lift, dressing, stacking excavated strata including refilling of excavated soil in trench / pit to ground level complete as required.[ITEM NO. 32.11 | cum | 4.00 | 163.00 | 652.00 |
| 25 | Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in concealed PVC conduit as required.(2) | | | | |
| a | 3 X 2.5 sq. mm in 20mm conduit[ITEM NO. 3.13(2)] | meter | 50.00 | 104.00 | 5200.00 |
| b | 6 X 2.5 sq. mm in 25mm conduit[ITEM NO. 3.13(3)] | meter | 50.00 | 172.00 | 8600.00 |
| 26 | Supplying and fixing following modular switch, socket, other accessories on the existing modular plate & switch box including connections but excluding modular plate etc. as required.(15) | | | | |
| a | Fan regulator (two module size) electronic stepped type moving all rounds[ITEM NO. 7.4(8)] | each | 22.00 | 203.00 | 4466.00 |
| 27 | Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) as required.[ITEM NO. 14.1] | set | 1.00 | 2472.00 | 2472.00 |
| 28 | Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ concealed conduit/ submain wiring/ cable as required.[ITEM NO. 14.19] | meter | 20.00 | 20.50 | 410.00 |

186628.00

For : SPAN & VIEW

 (Deepak Soni)
 Architect & Civil Engineer

OFFICE OF THE MUNICIPAL CORPORATION KORBA
DISTT:- KORBA (c.g.)

FOR THE:-

THE CONSTRUCTION OF COMMUNITY CENTER AT WARD NO 07

PART A

| S.NO | DESCRIPTION | NOS | L | B | D/TH | QTY | REMAR. |
|------|---|-----|--------|------|----------------|---------------|--------|
| 1 | Earth work in excavation of foundation trench in hard rock soil | | | | | | |
| | A footing | | | | | | |
| | C1 | 10 | 1.50 | 2.10 | 2.00 | 63.00 | |
| | C2 | 12 | 1.50 | 1.80 | 2.00 | 64.80 | |
| | C3 | 6 | 1.50 | 1.50 | 2.00 | 27.00 | |
| | C4 | 6 | 1.20 | 1.20 | 1.60 | 13.82 | |
| | Septic Tank | 1 | 3.00 | 6.00 | 2.50 | 45.00 | |
| | Dwarf wall under plinth beam | 1 | 171.50 | 0.50 | 0.60 | 51.45 | |
| | | | | | Total:- | <u>265.07</u> | Cum |
| | B extra for Beyond 1.5 m lift | | | | | | |
| | | 10 | 1.50 | 2.10 | 0.50 | 15.75 | |
| | | 12 | 1.50 | 1.80 | 0.50 | 16.20 | |
| | | 6 | 1.50 | 1.50 | 0.50 | 6.75 | |
| | | 6 | 1.20 | 1.20 | 0.10 | 0.86 | |
| | Septic Tank | 1 | 3.00 | 6.00 | 1.00 | 18.00 | |
| | | | | | Total:- | <u>57.56</u> | Cum |
| 2 | Sand filling under foundation with water consolidation footing | | | | | | |
| | | 10 | 1.50 | 2.10 | 0.10 | 3.15 | |
| | | 12 | 1.50 | 1.80 | 0.10 | 3.24 | |
| | | 6 | 1.50 | 1.50 | 0.10 | 1.35 | |
| | | 6 | 1.20 | 1.20 | 0.10 | 0.86 | |
| | Septic tank | 1 | 3.00 | 6.00 | 0.10 | 1.80 | |
| | Dwarf wall for outer boundary under floor pcc for cushion | 1 | 171.50 | 0.50 | 0.10 | 8.58 | |
| | | 1 | 375.17 | | 0.10 | 37.52 | |
| | | | | | Total:- | <u>56.50</u> | Cum |
| 3 | mix cement concrete Grade M-7.5 with 40 mm hard graded metal | | | | | | |
| | Under Footing | | | | | | |
| | | 10 | 1.50 | 2.10 | 0.10 | 3.15 | |
| | | 12 | 1.50 | 1.80 | 0.10 | 3.24 | |
| | | 6 | 1.50 | 1.50 | 0.10 | 1.35 | |
| | | 6 | 1.20 | 1.20 | 0.10 | 0.86 | |
| | Septic Tank | 1 | 3.00 | 6.00 | 0.10 | 1.80 | |
| | Dwarf wall under floor | 1 | 171.50 | 0.5 | 0.10 | 8.58 | |
| | | | 375.17 | | 0.10 | 37.52 | |
| | Front Steps | 1 | 6.0 | 2.0 | 0.10 | 1.20 | |
| | Side Toilet Steps | 1 | 1.5 | 2.0 | 0.10 | 0.30 | |
| | Rear Kitchen Steps | 1 | 3.0 | 2.0 | 0.10 | 0.60 | |
| | | | | | Total:- | <u>58.60</u> | Cum |
| 4 | Farmwork for shuttering of Rcc | | | | | | |
| | C1 | | | | | | |
| | C1 | 10 | 6.40 | | 0.50 | 32.00 | |
| | column up plinth level | 10 | 1.60 | | 2.20 | 35.20 | |
| | $2X(.3+.5)=1.60$ | | | | | | |
| | C2 | | | | | | |
| | C2 | 12 | 5.80 | | 0.40 | 27.84 | |
| | $2X(.2+.4)=1.20$ | 12 | 1.20 | | 2.30 | 33.12 | |
| | C3 | | | | | | |
| | C3 | 6 | 4.00 | | 0.40 | 9.60 | |
| | $2X(.2+.3)=1.00$ | 6 | 1.00 | | 2.30 | 13.80 | |

| S.NO | DESCRIPTION | NOS | L | B | D/TH | QTY | REMAR. |
|------|--------------------|-----|--------|------|---------|---------------|--------|
| C4 | | 6 | 4.00 | | 0.25 | 6.00 | |
| | 2X(.25+.25)=1.00 | 6 | 1.00 | | 2.05 | 12.30 | |
| | Septic Tank slab | 1 | 3.00 | 6.00 | | 18.00 | |
| | wall | 2 | 21.00 | | 2.50 | 105.00 | |
| | Plinth Beam bottom | 1 | 171.50 | | 0.20 | 34.30 | |
| | side | 2 | 171.50 | | 0.35 | 120.05 | |
| | | | | | Total:- | <u>447.21</u> | Sqm |

5 RCC work For Slab, Beam lintel & chajja with 20 MM & down Graded metal excluding shuttering & steel

| | | | | | | |
|---------------------------|----|--------|------|---------|--------------|-----|
| C1- footing | 10 | 1.30 | 1.90 | 0.50 | 12.35 | |
| column up to plinth beam' | 10 | 0.30 | 0.50 | 2.20 | 3.30 | |
| C2-footing | 12 | 1.30 | 1.60 | 0.40 | 9.98 | |
| column up to plinth beam' | 12 | 0.20 | 0.40 | 2.30 | 2.21 | |
| C3-footing | 6 | 1.30 | 1.30 | 0.40 | 4.06 | |
| column up to plinth beam' | 6 | 0.20 | 0.30 | 2.30 | 0.83 | |
| C4-footing | 6 | 1.00 | 1.00 | 0.25 | 1.50 | |
| column up to plinth beam' | 6 | 0.20 | 0.20 | 2.05 | 0.49 | |
| Septic Tank base & slab | 2 | 3.00 | 6.00 | 0.15 | 5.40 | |
| Septic tank Wall | 1 | 21.00 | 0.20 | 2.50 | 10.50 | |
| plinth beam | 1 | 171.50 | 0.20 | 0.35 | 12.01 | |
| | | | | Total:- | <u>62.62</u> | Cum |

6 Iron work in reinforcement for RCC work including cutting

| | | | | | | |
|--|-------|--------|--|---------|----------------|-----|
| | 62.62 | 100.00 | | Total:- | <u>6262.30</u> | Kgs |
|--|-------|--------|--|---------|----------------|-----|

7 Brick work in C.m.1:6 in in plinth & Foundation up to bottom of plinth beam first footing second footing up to plinth FRONT Rear, Side Steps foundation and steps

| | | | | | | |
|-----------------------------|---|--------|------|------|--------------|-----|
| first footing | 1 | 171.50 | 0.40 | 0.20 | 13.72 | |
| second footing up to plinth | 1 | 171.50 | 0.30 | 0.75 | 38.59 | |
| FRONT Rear, Side Steps | 1 | 10.50 | 1.80 | 0.45 | 8.51 | |
| | | | | | <u>52.31</u> | Cum |

8 Refilling available Earth in footing Plinth Area filling

| | | | | | | |
|---------------------|---|--------|--|---------|---------------|-----|
| in footing | 1 | | | | 265.07 | Cum |
| Plinth Area filling | 1 | 375.17 | | 0.70 | 262.62 | Cum |
| | | | | Total:- | <u>527.69</u> | Cum |

Super Structure

1 Farmwork for shuttering of Rcc work

A Slab

| | | | | | | |
|--------------------------------|---|--------|--------|---------|---------------|-----|
| Rear portion rooms and Kitchen | 1 | 12.500 | 14.000 | | 175.00 | |
| Chajja | 1 | 15.000 | 0.600 | | 9.00 | |
| | | | | Total:- | <u>184.00</u> | Sqm |

B beams At lintel level

0.20+2X0.30=0.80

beams at slab level side

Bottom

ring Beam at top of Column hall

Bottom

| | | | | | | |
|--|---|---------|-------|---------|---------------|-----|
| | 1 | 114.000 | 0.800 | | 91.20 | |
| | 2 | 114.000 | | 0.450 | 102.60 | |
| | 1 | 114.000 | 0.200 | | 22.80 | |
| | 2 | 48.000 | | 0.600 | 57.60 | |
| | 1 | 48.000 | 0.300 | | 14.40 | |
| | | | | Total:- | <u>288.60</u> | Sqm |

C Column up to slab level for all Floor

| | | | | | | |
|--|----|-------|--|-------|-------|--|
| | 10 | 1.600 | | 3.600 | 57.60 | |
| | 12 | 1.200 | | 3.600 | 51.84 | |
| | 6 | 1.000 | | 3.600 | 21.60 | |

| S.NO | DESCRIPTION | NOS | L | B | D/TH | QTY | REMAR. |
|------|--|-----|---------|---------|---------|----------------|--------|
| | | 6 | 1.000 | | 3.600 | 21.60 | |
| | over roof slab | 12 | 1.200 | | 0.900 | 12.96 | |
| | | 12 | 1.000 | | 0.900 | 10.80 | |
| | | | | | Total:- | <u>109.44</u> | Sqm |
| 2 | Rcc Work in Slab beam lintel chajja etc in Concrete Grade m-20 | | | | | | |
| | Chajja | 1 | 15.000 | 0.600 | 0.125 | 1.88 | |
| | ground floor slab | 1 | 12.500 | 14.000 | 0.125 | 1.56 | |
| | beams At lintel level | 1 | 114.000 | 0.200 | 0.300 | 6.84 | |
| | bea ms at slab level | 1 | 114.000 | 0.200 | 0.325 | 7.41 | |
| | Ring Beeam | 1 | 48.000 | 0.300 | 0.600 | 8.64 | |
| | Column | 10 | 0.300 | 0.500 | 3.600 | 5.40 | |
| | | 12 | 0.200 | 0.400 | 4.500 | 4.32 | |
| | | 6 | 0.200 | 0.300 | 4.500 | 1.62 | |
| | | 6 | 0.200 | 0.200 | 4.500 | 1.08 | |
| | | | | | Total:- | <u>38.75</u> | Cum |
| 3 | Iron work in reinforcement for RCC work including cutting | | | | | | |
| | | | 38.748 | 100.000 | | <u>3874.75</u> | Kgs |
| 4 | Second Class TM brick work in C.m.1:6 in s/s | | | | | | |
| | Walls for floor | 1 | 114.000 | 0.200 | 3.600 | 82.08 | |
| | Parapet wall floor | 1 | 53.000 | 0.200 | 0.900 | 9.54 | |
| | | | | | Total:- | <u>91.62</u> | Cum |
| | deductions | | | | | | |
| | Collapsbile Door | 2 | 2.000 | 0.200 | 2.500 | 2.00 | |
| | door | 4 | 1.000 | 0.200 | 2.100 | 1.68 | |
| | | 4 | 0.900 | 0.200 | 2.100 | 1.51 | |
| | | 7 | 0.750 | 0.200 | 2.100 | 2.21 | |
| | Windows | 2 | 1.800 | 0.200 | 1.500 | 1.08 | |
| | | 4 | 1.200 | 0.200 | 1.500 | 1.44 | |
| | | 2 | 0.900 | 0.200 | 1.500 | 0.54 | |
| | Ventilators | 7 | 1.800 | 0.200 | 0.450 | 1.13 | |
| | | | | | Total:- | <u>11.59</u> | Cum |
| | NET QTY | | 91.620 | 11.591 | | <u>80.03</u> | Cum |
| 5 | M.S. Sheet Door Window & Door | | | | | | |
| | Door | 4 | 1.00 | | 2.10 | 8.40 | |
| | | 4 | 0.90 | | 2.10 | 7.56 | |
| | | 7 | 0.75 | | 2.10 | 11.03 | |
| | Windows | 2 | 1.80 | | 1.50 | 5.40 | |
| | | 4 | 1.20 | | 1.50 | 7.20 | |
| | | 2 | 0.90 | | 1.50 | 2.70 | |
| | | 7 | 1.80 | | 0.45 | 5.67 | |
| | | | | | Total:- | <u>47.96</u> | Sqm |
| | qty @ 20 Kgs Per Sqm | | | 47.955 | 20.000 | <u>959.10</u> | Kgs |
| 6 | 6MM Thick plastering on ceiling & Stair soffit etcWith CM1:3 | | | | | | |
| | Chajja | 2 | 15.000 | 0.600 | | 18.00 | |
| | Slab | 1 | 12.500 | 14.000 | | 175.00 | |
| | beams At lintel level | 1 | 114.000 | 0.300 | | 34.20 | |
| | bea ms at slab level | 2 | 114.000 | 0.325 | | 74.10 | |
| | | 2 | 48.000 | 0.600 | | 57.60 | |
| | Column | 10 | 1.600 | | 3.600 | 57.60 | |
| | | 12 | 0.200 | | 4.500 | 10.80 | |

| S.NO | DESCRIPTION | NOS | L | B | D/TH | QTY | REMAR. |
|------|--|--------|----------|---------|---------|---------|--------|
| | | | | | Total:- | 427.30 | Sqm |
| 7 | 12MM Thick plastering over outside walls | | | | | | |
| | Walls for floor | 2 | 114.000 | | 3.600 | 820.80 | |
| | below plinth beam up to G.L. | 1 | 171.500 | | 0.900 | 154.35 | |
| | parapet wall | 1 | 53.000 | | 1.100 | 58.30 | |
| | | | | | Total:- | 1033.45 | |
| | Deductions | | | | | | |
| | Qty Half as ded. Of item no 4 of S/S | | | | | 28.98 | |
| | | | | net qty | Total:- | 1004.47 | Sqm |
| 8 | 15 mm thick plastering over all inside walls | | | | | | |
| | Walls for both floor | 2 | 114.000 | | 3.600 | 820.80 | |
| | parapet wall | 1 | 53.000 | | 1.100 | 58.30 | |
| | | | | | Total:- | 879.10 | Sqm |
| | Deductions | | | | | | |
| | Qty Half as ded. Of item no 4 of S/S | | | | | 28.98 | |
| | | | | net qty | Total:- | 850.12 | Sqm |
| 9 | Vitrified tiles flooring | | | | | | |
| | Rooms | 4 | 4.700 | 3.000 | | 56.40 | |
| | Toilet floor | 2 | 3.300 | 2.500 | | 16.50 | |
| | | 2 | 2.600 | 4.000 | | 20.80 | |
| | Skirting | 1 | 61.600 | 0.150 | | 9.24 | |
| | | | | | Total:- | 102.94 | Sqm |
| 10 | Kotah Stone work | | | | | | |
| | A Stairs steps | 6 | 10.500 | 0.450 | | 28.35 | |
| | | | | | Total:- | 28.35 | Sqm |
| | B Granite Partiton of toilets 13.17 | 6 | 1.500 | | 0.600 | 5.40 | sqm |
| | C nosing Work 13.19 | 6 | 10.800 | | | 64.80 | |
| | | 6 | 1.500 | | | 9.00 | |
| | | | | | Total | 73.80 | Rm |
| 11 | Oil bound distempering over all inside walls Two or more coat | | | | | | |
| | Qty same as item no 8 | | | | | 427.30 | |
| | qty same as item no 10 | | | | | 850.12 | |
| | | | | | Total:- | 1277.42 | Sqm |
| 12 | Providing & applying water proofing Cement paint all exterior Surface two or more coat | | | | | | |
| | qty same as item no 10 | | | | | 1004.47 | Sqm |
| 13 | Painting two OR more coat with Synthetic enamel over a coat of primer | | | | | | |
| | door | 8 | 1.000 | | 2.100 | 16.80 | |
| | | 8 | 0.900 | | 2.100 | 15.12 | |
| | | 14 | 0.750 | | 2.100 | 22.05 | |
| | Window | 4 | 1.800 | | 1.500 | 10.80 | |
| | | 8 | 1.200 | | 1.500 | 14.40 | |
| | | 4 | 0.900 | | 1.500 | 5.40 | |
| | Windows grill | 1.6 | 36.270 | | | 58.03 | |
| | | | | | Total:- | 142.60 | Sqm |
| 14 | Wall care putty | 1277.4 | 1004.473 | | | 2281.90 | sqm |

| S.NO | DESCRIPTION | NOS | L | B | D/TH | QTY | REMAR. |
|------|-------------|-----|---|---|------|-----|--------|
|------|-------------|-----|---|---|------|-----|--------|

| | | | | | | | |
|----|--|----|--------|--------|-------------------|---------|-----|
| 15 | Providing & Fixing M.S. Grills for Windows & ventilators@18.80 kgs/sqm | | | | | | |
| | Windows | 2 | 1.800 | 1.500 | 25.000 | 135.00 | |
| | | 4 | 1.200 | 1.500 | 25.000 | 180.00 | |
| | | 2 | 0.900 | 1.500 | 25.000 | 67.50 | |
| | Ventilators | 7 | 1.800 | 0.450 | 25.000 | 141.75 | |
| | Railing to hall | 1 | 42.000 | 0.900 | 20.000 | 756.00 | |
| | | | | | Total: | 1280.25 | Kgs |
| 16 | Providing & laying 6mm to 7mm Thick ceramic wall tiles in white or any shade to wall | | | | | | |
| | Toilets walls male | 1 | 18.60 | 1.50 | | 27.90 | |
| | Toilet Wall Female | 1 | 18.60 | 1.50 | | 27.90 | |
| | Toilets walls Male Outer | 1 | 17.80 | 1.50 | | 26.70 | |
| | Toilets walls FeMale Outer | 1 | 20.80 | 1.50 | | 31.20 | |
| | Kitchen | 1 | 20.00 | 1.20 | | 24.00 | |
| | | | | | Total | 137.70 | Sqm |
| 17 | Kotah Stone Flooring | | | | | | |
| | A Hall | 1 | 12.00 | 18.00 | | 216.00 | |
| | Corridor | 1 | 9.30 | 2.00 | | 18.60 | |
| | Kitchen | 1 | 6.00 | 4.00 | | 24.00 | |
| | | | | | Total | 258.60 | Sqm |
| | B Skirting | 1 | 96.60 | | 0.15 | 14.49 | |
| | | | | | Total | 14.49 | Sqm |
| 18 | Collapsible Door | 2 | 2.0 | | 2.5 | 10.00 | Sqm |
| 19 | Tublar section For Truss | | | | | | |
| | For one Truss | | | | | | |
| | Rafter 80 mm dia | 1 | 25.200 | | 8.360 | 210.67 | |
| | Strut 40mm dia | 1 | 11.100 | | 3.560 | 39.52 | |
| | | | | | | 250.19 | |
| | Purlin & Bottom Rafter 65 Dia | 13 | 18.000 | | for 6 truss 6.420 | 1501.13 | Kgs |
| | Base plate | 12 | 0.090 | | 94.200 | 1502.28 | Kgs |
| | Holding Down Bolts 16Dia | 48 | 0.450 | | 1.580 | 101.74 | Kgs |
| | | | | | | 34.13 | Kgs |
| | | | | | | 3139.27 | Kgs |
| 20 | Wind Tie | 10 | 18.000 | | | 180.00 | Rm |
| 21 | sheeting | | | | | | |
| | Open hall | 2 | 6.600 | 18.000 | | 237.60 | |
| | Front And Side | 2 | 12.000 | 1.000 | | 24.00 | |
| | | | | | | 261.60 | Sqm |
| 22 | G.I. ridge | 1 | 18.000 | | | 18.00 | Rm |

for Space & view

Ar Deepak Soni

For : SPACE & VIEW

(Deepak Soni)

Architect & Civil Engineer