



SHEWings Foundation

SHEWings HQ: Unit No. C-403 04th Floor
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SHEWINGS FOUNDATION

Unit No. C-403, 4th Floor, Tower C, Technopark, Plot No. 5, Sector-127, Noida, Uttar Pradesh

NAME OF WORK

**Civil, Interior and MEP Works for Cancer Screening and OPD Center of SheWings Foundation at Noida, Gautam
Buddha Nagar, Uttar Pradesh**

**SHEWings Foundation**

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PREAMBLE TO SCHEDULE OF QUANTITIES

The work "CIVIL, INTERIOR & MEP WORKS FOR CANCER SCREENING & OPD CENTER OF SHEWINGS FOUNDATION AT NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH" with its Schedule of Quantities forms a part of the Contract Documents. The present Schedule of Quantities pertains exclusively to the Civil Works component of the project and shall be read in conjunction with the Notice Inviting Tender, Instructions to Bidders, General Conditions of Contract, Special Conditions of Contract, Drawings and Technical Specifications.

1. The Schedule of Quantities shall supersede Technical Specifications, General Conditions and Special Conditions of Contract only in respect of description of items and quantities wherever specifically indicated.
2. The items described in the Schedule of Quantities are deemed to include all materials, labour, tools & plants, machinery, scaffolding, shuttering, centering, transportation, loading, unloading, storage, handling, water, electricity, curing, wastage, overheads, contractor's profit and all incidental works necessary for complete execution of the civil works unless specifically stated otherwise.
3. The Contractor shall carefully study the drawings, specifications, site conditions and tender documents before quoting. No claim arising out of misunderstanding of the scope of work, omissions in description or site conditions shall be entertained after award of the contract.
4. Rates quoted against each item shall be inclusive of all operations required for complete execution of the work in accordance with the specifications, drawings and directions of the Engineer-in-Charge.
5. Measurements shall be carried out as per latest CPWD Specifications, relevant BIS Codes and accepted engineering practice. The decision of the Engineer-in-Charge regarding measurements shall be final and binding.
6. Quantities indicated in the BOQ are approximate and may vary during execution. Payment shall be made on actual measured quantities executed at site. No claim shall be entertained on account of increase or decrease in quantities.
7. The Contractor shall allow for all cutting, chasing, making openings, embedding inserts, grouting, finishing, making good and coordination with other agencies necessary for completion of the civil works.
8. Rates shall include all temporary works such as barricading, protection, staging, scaffolding, safety arrangements and housekeeping required for execution of the works.
9. Removal of debris, dismantled materials, surplus earth and waste materials from the site and periodic cleaning shall be deemed included in the quoted rates.
10. All materials shall conform to approved makes, CPWD Specifications, BIS Standards and Technical Specifications forming part of the tender documents.
11. If no rate is quoted against any item, it shall be presumed that the cost of such item has been included in other quoted items and no separate payment shall be made.



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12. The quoted rates shall include all taxes, duties, levies, labour cess, royalty, transportation charges, loading/unloading charges, insurance and statutory obligations except GST, if payable separately under the contract conditions.
13. The rates shall remain firm throughout the contract period and no escalation due to increase in labour, materials, fuel, transportation or market fluctuations shall be payable.
14. Before submission of the tender, the Contractor shall inspect the site and acquaint himself with site conditions and all factors affecting execution of the work. No extra claim on this account shall be entertained.
15. In case of discrepancy between rates quoted in figures and words, the rates quoted in words shall prevail.
16. SHEWings Foundation reserves the right to increase, decrease, omit or modify any item of work and the Contractor shall execute the same at the accepted rates as per contract provisions.

17. RATES TO BE FILLED IN BILL OF QUANTITIES

The Tenderer shall quote rates both in figures and words. In case of discrepancy, the following shall apply:

- (a) Where there is a difference between rates in figures and words, the rate corresponding to the amount worked out by the Tenderer shall be taken as correct.
 - (b) Where the amount does not correspond with the quoted rate, the rate quoted in words shall prevail and the amount shall be corrected accordingly.
 - (c) Where rates in figures and words agree but the amount is incorrectly worked out, the quoted rate shall prevail and the amount shall be corrected accordingly.
 - (d) Rates shall be exclusive of GST. GST shall be indicated separately in the Financial Bid.
 - (e) Rates shall include all materials, labour, tools & plants, transportation, overheads, profit and all incidental expenses required for complete execution of the item.
 - (f) If no rate is quoted against any item, it shall be deemed covered under other items and no separate payment shall be made.
 - (g) The quoted rates shall remain firm throughout the contract period and no escalation shall be payable on any account.
18. The clients do not bind themselves to accept the lowest or any tender and reserve the right to accept or reject any or all the tenders, either in whole or in part without assigning any reason for doing so.
 19. Before tendering the tender shall assess themselves the existing conditions of the buildings and the site and give due allowance for any provisions as necessary.



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DECLARATION BY THE CONTRACTOR

We hereby declare that We have carefully read and understood the tender documents and agree to abide by all terms and conditions thereof. We further declare that our firm is not blacklisted or debarred by any Government Department, PSU or other authority, no legal proceedings affecting the execution of the tendered work are pending against us, and all information and documents submitted with this bid are true and correct to the best of our knowledge and belief. We undertake to execute the work in accordance with the tender conditions, specifications and instructions of SHEWings Foundation.

Date: _____

Place: _____

Signature of Authorized Signatory



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Description of Item	Unit	Qty
EARTH WORK / DISPOSAL OF MALBA		
Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5 cum or more.	cum	50.00
Sub-total for the Section, carried forward to General Summary		
CONCRETE WORK		
Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :		
1:2:4 (1 Cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 40 mm nominal size	cum	3.68
Sub-total for the Section, carried forward to General Summary		
BRICK/ BLOCK WORK or PARTITION WORKS		
Providing and laying autoclaved aerated cement blocks masonry with 150mm/230mm/300 mm thick AAC blocks in super structure above plinth level up to floor V level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge. (The payment of RCC band and reinforcement shall be made for seperately).	cum	4.14



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<p>Providing and fixing partition upto ceiling height consisting of G.I. frame and required board, including providing and fixing of frame work made of special section power pressed/ roll form G.I. sheet with zinc coating of 120 gms/sqm(both side inclusive), consisting of floor and ceiling channel 50mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x 0.5 mm), joint finisher and two coats of primer suitable for board as per manufacture's specification and direction of engineer in charge all complete.</p>		
<p>75 mm overall thickness partition with 12.5 mm thick double skin fire rated Glass Reinforced Gypsum (GRG) plaster board conforming to IS: 2095: part 3 (Board with BIS certification marks)</p>	sqm	16.50
<p>Providing and fixing at all height wall panelling with phenol bonded Bamboo Mat board conforming to IS:13958-1994 including providing and fixing to frame work made of 50mm x 50mm hardwood plugs including cutting brick work and fixing in cement mortar and making good the wall etc. and also providing and fixing wooden moulded corner beading of triangular shape to the junction of panelling etc. with iron screws all complete as per direction of Engineer-in-Charge.</p>		
<p>12mm thickness</p>	sqm	45.00
<p>Sub-total for the Section, carried forward to General Summary</p>		
<p>WOOD WORK</p>		



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Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality.		
1.0 mm thick	sqm	45.00
Sub-total for the Section, carried forward to General Summary		
FLOORING WORK		
Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.		
Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	sqm	68.83
Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints	sqm	18.96
Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily. Glazed Vitrified tiles Matt/Antiskid finish of size; Size of Tile 600 x 600 mm	sqm	3.36



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<p>Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.</p>		
<p>Double charge vitrified tile polished finish of size; Size of Tile 600 x 600 mm</p>	sqm	52.21
<p>Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints:</p>		
<p>Size of Tile 600x600 mm</p>	sqm	6.14
<p>Sub-total for the Section, carried forward to General Summary</p>		
<p>ROOFING WORKS</p>		
<p>False Ceiling: Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x 1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised</p>		



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<p>butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.</p>		
<p>GI Metal Ceiling Lay in perforated Tegular edge global white color tiles of size 595x595 mm and 0.5 mm thick with 8 mm drop; made of GI sheet having galvanizing of 100 gms/sqm (both sides inclusive) and 20% perforation area with 1.8 mm dia holes and having NRC (Noise Reduction Coefficient) of 0.5, electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending and perforation, and backed with a black Glass fiber acoustical fleece.</p>	sqm	3.36
<p>False Ceiling: Supply & Installation of GI Clip in Metal Ceiling System of 300x1500 mm module which includes providing and fixing wall angle of size 20x20 mm made of 0.4 mm thick pre painted steel along the perimeter of the room with help of nylon sleeves and wooden screws at 300 mm centre to centre, suspending the main C carrier of size 10x50x10 mm made of G.I steel 0.7 mm thick from the soffit with help of soffit cleat 37x27x25x1.6 mm, rawl plugs of size 38x12 mm and C carrier suspension clip and main carrier bracket at 1200 mm c/c. Clip in profile main runner having height of 40 mm and width of 19 mm made of GI steel 0.5 mm thick is then fixed to the main C carrier and in direction perpendicular to it at 600 mm centres with help of suspension brackets & with L profile size of 24x24x0.40mm. Wherever the main C carrier and Clip in Profile have to join, C carrier and Clip in Profile connectors have to be used, fixing with clip in tiles into Clip in Profile with : GI Metal Ceiling Clip in plain Beveled edge global white color tiles of size 300x1500 made out of 0.5 mm thick Galvanized Sheet and with metallic matt finish 60-80-microns powder coating.PLAIN</p>	sqm	54.66



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Supply & Installation of metal Baffle ceiling system comprises of 25 mm x 100 mm (25 mm width & 100 mm Height) U Shape panels installed at 150mm C/C spacing between baffles. Panels shall be made of 0.5 mm thick galvanized steel with polyester powder coating of 60 microns and length up to 5000 mm. Panel shall be high corrosion resistance and good color stability. Panels are fixed on to roll formed C Profile 20 mm wide x 40 mm deep out of 0.80 mm G.I sheet powder coated with cutouts to hold the panels in module design by Architect. Profile are suspended from the roof or truss by 4 mm dia. galvanized steel wire rod hanger with special height adjustment suspension clip at max. 1200 mm c/c. Hangers are fixed to the roof by 'J' hooks or ceiling brackets and nylon inserts. Panels are factory cut in lengths up to maximum 3.6 m to suit site dimensions or shop drawings. Top cap and side cap are used to cover the edges of the panels. The work shall be carried out as per specifications, drawing and as per directions of the Engineer-in- Charge. RAL SHADE : PLAIN	sqm	18.96
Sub-total for the Section, carried forward to General Summary		
FINISHING WORK		
CEMENT PLASTER (IN COARSE SAND)		
12 mm cement plaster :		
1:6 (1 cement: 6 fine sand)	sqm	202.50
15 mm cement plaster on the rough side of single or half brick wall of mix :		
1:6 (1 cement: 6 fine sand)	sqm	202.50
Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	sqm	257.45
Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :		
Two or more coats on new work	sqm	100.00



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Distemping with 1st quality acrylic distemper, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour.		
Two coats	sqm	0.00
Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.		
Two coats	sqm	257.45
Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.		
With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre	sqm	100.00
Sub-total for the Section, carried forward to General Summary		
WATER PROOFING		
<p>Wet Areas :Step 1 :- Surface Preparation</p> <p>Clean the surface free of dirt, dust, laitance, etc and inspect for cracks. Removal of all surface Imperfections, protrusions, loose concrete & filling of cracks using SBR latex Polymer Modified Mortar in the ratio Cement: Sand (1:4) and 5% by weight of cement. Laying of angle fillets (50mm x 50mm) at the junction of slab & vertical walls prepared with cement sand mortar 1:4 admixed with integral waterproofing compound @ 200 ml per 50 kg bag of cement.</p> <p>Step 2:- Treatment & sealing of pipes Core Cut:</p> <p>Cleaning and preparation of surface with the help of wire brush or grinder. Clean the surface with water to remove the dust. Insert the pipe with bitumen tape wrapped over the pipe into the core and support with formwork. Pack the core cut junction with non-shrink free flow cementitious grout or high strength Micro Concrete Technicol Ultracem Repair MC or equivalent. Mix ready to use grout with water @ ratio of w/p = 0.13 – 0.15 (depending upon the flowability required) with paddle mixer and pour by providing necessary shuttering and support. Allow the grout to set for 24 hrs. And do the moist curing for 5 days.</p>	sqm	6.26



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<p>The area around the pipes shall be dressed in the 45 GSM glass fibre mesh in wet-on-wet condition by applying high performance two component acrylic polymer modified elastomeric cementitious waterproof coating.</p>	
<p>Step 3:- Waterproofing:- The concrete surface must be brought into surface saturated dry condition (SSD). Providing & Applying 2 coats of high performance two component prepacked cementitious waterproofing, Technicol Ultrachem 2C or equivalent, with a mix ratio of (liquid: Powder), parts by wt. - 1:2 at the rate 1.8kg/sqm for 2 coats to achieve the DFT of 1mm in a span of 4 - 6 hours with a roller / brush on the prepared concrete substrate. Over the splash zone / shower wall taking the coating up the full height and up to 1 meter height on vertical surface and on other walls and 0.3 metre on horizontal surface below n threshold for complete bathroom waterproofing. All the coats to be applied in perpendicular direction to each other. Allow the coating to air cure for 3- 5 days before conducting water ponding test for 24 Hrs. The coating shall have Elongation at break > 50% as per ASTM D 412, Tensile strength > 1.5 N/mm² as per ASTM D 412, Adhesion strength: > 1.5 N/mm² as per ASTM D 4541, crack bridging upto 1mm as per ASTM C 836, Water penetration (5 bar pressure) as per BS EN 12390. Approved make: Technicol India, Imper italia, Grace or equivalent</p> <p>Protection plaster on vertical wall: Applying 12mm thick plaster over the prepared surface of cement sand mortar admixed with integral waterproofing compound conforming to IS 2645:2003, @ 220ml per bag of cement. Including finishing & water curing of plaster for minimum 7 days.</p> <p>Final finish like Tiling: Providing, applying and fixing tile should over screed/ plaster/ RCC surfaces or levelled cement based surfaces by using a suitable High Polymer modified, grey cement based thin set tile adhesive and providing 2 mm or 4 mm spacer between two tiles etc all complete and grouting the tiles joints > 1mm width of desired shade , on dry and wet internal and external floor etc by using epoxy tile grout and shall be press firmly into the tile joints using a hard rubber/squeeze trowel ensuring complete joint filling and remove excess grout using sponge & soap solution etc, as per engineer-in charges</p>	



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Sub-total for the Section, carried forward to General Summary		
MISS. WORK		
<p>Providing and fixing Toughened glass 12 mm thickness in partion/ walls with required framing and accessories as per specifications to complete as direction of Engineer-in-charge.</p> <p>Providing & Fixing of KUBIK Full Height Single Glazed Partition (Kubik Ultraline - 45)</p> <p>Supply of Modular Single glazed partitioning frame of Kubik make 45mm System,</p> <p>Using KL 45 001 (45mm x 25mm) as wall starter section</p> <p>Using KL 45 001 & KL 45 002 (45mm x25mm) as Top & bottom channel.</p> <p>Partition Dimension – 45mm x 25mm.</p> <p>Finish – Silver anodized finish.</p> <p>glass to glass butt joint with I, L & T JOINT</p> <p>10mm thk clear toughened Glass - For Ref.</p> <p>Partition Height : H -2400mm</p>	sqm	18.46
<p>Lead lined doors</p> <p>Providing & fixing of Hollow metal lead lined door from ISO 9001-2008 certified Manufacturer Pressed Galvanized steel Single /Double leaf to required sizes of approved make Navair International or approved equivalent which consists of frame, shutter, infill and finish as detailed below.</p> <p>Door frame shall be Single rebate profile of size 120 x 62 mm made out of 1.60mm (16gauge) thick galvanized steel sheet. Frames shall be Butt jointed and field assembled with self tabs. The Shutter & Frame Shall be fully lead lined of min of 2 MM lead Sheet with 99% purity and as defined by AERB. All provision should be mortised, drilled and tapped for receiving appropriate hardware. Rubber door silencers should be provided on the striking jamb. Frames should be provided with back plate bracket and anchor fasteners for installation on a finished plastered masonry wall opening.</p>	Sqm	5.76



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<p>Lead lined doors shutters; Door leaf shall be 44 mm thick fully flush double skin door without vision lite. incase vision lite is required it shall be only Lead Glass as recomomnded by AERB/DRC Door leaf shall be manufactured from 1.0mm (18guage) thick galvanised steel sheet. The internal construction of the door should be rigid with lead line of 2mm thick all across the inside of the exposed surface. In addition the door should have a basic infill ROCK WOOL with necessary reinforcement both on top and bottom. All doors should be factory prepped for receiving appropriate hardware and provided with necessary reinforcement for hinges, locks, and door closers as per ANSI Standard .The edges should be interlocked with a bending radius of 1.4mm.</p> <p>All doors and frames shall be finished with Powder coating, approved RAL colour. The door Leaf & Frame shall be in a position so that Lead Line should overlap. including following fixtures & fittings</p> <ol style="list-style-type: none"> a. Supply & fixing of SS Ball Bearing Hinges of size 100 x 89 x 3mm complet with SS Screws b. Supply & fixing of anchor fastners of HILTI/ FISHER/ Equivalent of M10X120mm length. c. Supply & fixing of door closers of BLC-604 Becker Fire Solutions/ TS-89 DORMA / GEZE TS 2000 Series d. Supply & fixing of Stainless Tower Bolt 300mm Long for Double leaf door of height upto 2100mm of Becker Fire Solutions. / Dorset Make with necessary screws as required. e. Supply and Filling the gap between wall & Door frame by using silicone sealant and Wool insulaion on both side of the door f. Supply & fixing of Mortise Dead Lock DL7260K Becker Fire Solutions / 288A DORMA / GEZE Make with Half Cylinder on Pull/Outside of the door. g. Supply & fixing of SS D Type SS Pull Handle B2B of size 300mm mm Long of PHD2230 Becker Fire Solutions/ TGDI30022 DORMA / GEZE Make on Pull Side with 400x200mmx1.0mm thick SS Push Plate on Push Side. 		
<p>LEAD LINED WALL PANELLING: Providing and fixing of Lead Lined Fixed Window frame shall be powder coated Single rebate profile of section 100 x 57 mm made out of 1.20mm thick galvanised steel sheet. Frames should be butt jointed and field assembled with bolting system for proper strength .Frames should be provided with back plate for anchor fasteners for installation on a finished plastered wall opening. The frame shall be fully Lead Lined of min 2mm thick lead sheet as defined by AERB. The Lead glass will be 6mm thick transparent (appr. 70% LT) with radiation control. Make- Navair, Anakon, Rebbon, Metaflex</p>	sqm	24.00



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<p>LEAD LINED FIXED WINDOW: Providing and fixing of Lead Lined Fixed Window frame shall be powder coated Single rebate profile of section 100 x 57 mm made out of 1.20mm thick galvanised steel sheet. Frames should be butt jointed and field assembled with bolting system for proper strength. Frames should be provided with back plate for anchor fasteners for installation on a finished plastered wall opening. The frame shall be fully Lead Lined of min 2mm thick lead sheet as defined by AERB. The Lead glass will be 6mm thick transparent (appr. 70% LT) with radiation control. Make- Navair, Anakon, Rebbon, Metaflex</p>	sqm	5.00
<p>Roller Blinds - Screen fabric : Providing and fixing of roller blind should have sturdy aluminium top tube of 38mm diameter, powder coated bottom bar, with suitable roller clutch mechanism and plastic ball chain. The roller blind fabric should possess the mentioned specifications: a) Composition – 36% Fiberglass & 64% Vinyl b) Openness factor - 3% - 5% c) Fabric thickness – 0.43 mm +-5% & Weight - 393 gsm (± 5%) d) Width - 300 cm e) Color fastness - Grade 6 f) UV blockage – Approximately 90% - 99% g) Flame retardancy – NFPA 701 h) Anti-fungal / Anti-bacterial – ASTM E 2180 product protection i) Environmental certification – GREENGUARD Gold certified j) Acoustical value - NRC 0.50, SAA 0.50. Aluminium profile should have temper WP consisting of alloy 63400 along with anodizing of 10 micron and powder coating of 60 micron. The tensile strength of profile should be 9.10 Kg/mm square and elongation 18. The control clutch drive unit engineered heavy duty chain drive pulley operating system consisting of gear clutch housing and locking plug containing minimum 6 ribs and inserted at minimum of 38mm into roller tube. It is self-lubricating exclusive clutch with safety pins for secure bracket installation and unlocking pin for quick manual removal. Universal clutch is most convenient for large windows down to the smallest windows. It shall be driven by a ball chain pulley with ball chain and can be positioned at right hand or left hand side of the shade. Clutch gear ratio of 1.75:1 for reduced operating force on larger blinds. Mounting hardware brackets universal brackets including end plug bracket with lock down retainer device. Brackets finish of powder coated metal installation brackets made of stamped and hardened steel. Roller tube circular-shaped aluminium tube extruded from alloy 63400 and temper WP. Bottom rail flat-shaped extruded aluminium from alloy 63400 and temper WP. Ball chain shall be 2mm diameter cord with plastic balls moulded to form an endless ball chain. It is used for raising or lowering action of the shades. Plastic parts all plastic components are UV-stable compounds available white.</p>	sqm	12.69



SHEWings Foundation

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<p>Roller Blinds - Blackout fabric : Providing and fixing of roller blind of sturdy aluminium top tube of 38mm diameter, powder coated bottom bar, with suitable roller clutch mechanism and plastic ball chain. The roller blind fabric should possess the mentioned specifications: a) Composition - 100% Polyester b) Openness factor - Opaque c) Fabric thickness - 0.5 mm +-5% & Weight - 450 gsm +-5% d) Width - 250 cm e) Fire rating - AS1530.3-1999 f) Water/Stain resistance - Protected by TEFLON fabric protector g) Environmental certification - OEKO-TEX Standard 100. Aluminium profile should have temper WP consisting of alloy 63400 along with anodizing of 10 micron and powder coating of 60 micron. The tensile strength of profile should be 9.10 Kg/mm square and elongation 18. The control clutch drive unit engineered heavy duty chain drive pulley operating system consisting of gear clutch housing and locking plug containing minimum 6 ribs and inserted at minimum of 38mm into roller tube. It is self-lubricating exclusive clutch with safety pins for secure bracket installation and unlocking pin for quick manual removal. Universal clutch is most convenient for large windows down to the smallest windows. It shall be driven by a ball chain pulley with ball chain and can be positioned at right hand or left hand side of the shade. Clutch gear ratio of 1.75:1 for reduced operating force on larger blinds. Mounting hardware brackets universal brackets including end plug bracket with lock down retainer device. Brackets finish of powder coated metal installation brackets made of stamped and hardened steel. Roller tube circular-shaped aluminium tube extruded from alloy 63400 and temper WP. Bottom rail flat-shaped extruded aluminium from alloy 63400 and temper WP. Ball chain shall be 2mm diameter cord with plastic balls moulded to form an endless ball chain. It is used for raising or lowering action of the shades. Plastic parts all plastic components are UV-stable compounds available white.</p>	sqm	12.69
TOTAL (Carried Over to Summary of MISS. WORK)		
LANDSCAPE AND BEAUTIFICATION		
Vertical Plantations including frame works, plants, pots etc, complete in all respect with irrigation system.	sqm	15.00
Providing cement pots with seasonal flower plants, indoor plants for beautification works.	each	50.00
Providing and laying of artificial green grass mat.	sqm	30.00

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Providing and fixing of outdoor furnitures	LS	
TOTAL (Carried Over to Summary)		
DISMANTLING AND DEMOLISHING		
Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	cum	5.52
Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : Of area beyond 3 sq. metres	each	2.00
Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	sqm	20.00

S.No.	Particulars	Total (incl Gst)
1	Civil, Interior and MEP Works	

PLACE –

DATE -

SIGNATURE OF CONTRACTOR