| PRICE BID FOR CIVIL REPAIRS OF SBI DAC BRANCH AT JALANDHAR | | | | | | |
|---|---|---|---|---|---|---|
| **S.NO** | **DSR 2023 NO.** | **SPECIFICATIONS** | **QNTY** | **UNITS** | **RATE** | **AMOUNT** |
| | | | | | | |
| **1** | NS | **REPAIR OF OLD TERRACE (40MM TH. CEMENT MORTAR 1:3)** | | | | |
| | | Cleaning of existing surface including removal of dust,loose concrete with wire brush and spray waterjet cleaning & PCC & waste material shifting. | 465.00 | sqm. | | |
| | | Applying a slurry of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound confirming to IS-2645 and approved by Engineer-In- charge over the existing surface including adjoining walls upto 300 mm height including cleaning the surface before treatment . Therafter, Finishing the surface with 40 mm 1:3 (1 cment: 3 coarse sand) admixed with waterproofing compound confirming to IS:2645 and approved by Engineer Incharge to achieve a smooth & even surface with proper slope up to the khurras.and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300mm square 3mm deep. | | | | |
| | | | | | | |
| **2** | NS | **WATERPROOFING OF OLD TERRACE** | | | | |
| | a) | **Surface Preparation and Crack Treatment :-** Surface Preparation: All surfaces shall be free from oil, grease, friable matter and general curing compounds. Concrete surfaces shall be cleaned using high pressure water jetting, grinding or other methods approved by the Engineer.<br>1. Open all the construction joints/Hairline cracks by chipping V grove and repair by Mapegrout T40.<br>2. Inverse Coving at wall-floor junctions by PMM. | 465.00 | sqm. | | |
| | b) | **Bore Packing :-** Cleaning the surface area to ensure that it is free from oil, grease, dirt and contaminants, all loose materials to be removed and roughen the pipe with wire brush. Non-shrink mortar for pipe and the bore for better adhesion between the pipe and concrete member and fill the bore as per manufacturer's specification. | | | | |
| | c) | **Waterproofing Membrane :-** Supply and application of Mapelastic Smart, a two-component high elasticity cementitious mortar made from cementitious binders, selected fine-grained aggregates, synthetic fibres, special admixtures and synthetic polymers in water dispersion. The product, in the form of a 1.5mm dry film thickness, must have the following characteristics:<br>Bond Strength to concrete after 28 days (EN 1542):>1 N/mm²<br>Elasticity (DIN 53504) (%): > 120%<br>Static crack-bridging at +20°C (EN 1062-7) (mm): > 2.8mm<br>Tensile Adhesion Strength after heat ageing: 1.3 Mpa<br>Surface priming with Planicrete SBR/Acrylic should be done before coating. The coating shall cover the entire floor of the application area and also applied on to the vertical walls in two or more coats to achieve the required thickness. The waterproofing shall be additionally reinforced with a Fibre-Mesh Sandwiched between the waterproofing coats. The last coat when wet, shall be sprinkled with clean and washed sand, to facilitate the floor screed or plaster. The membrane must be checked for water leakages by using water ponding for 24 hrs post application and curing of the membrane. | | | | |
| | | **Protective Plaster :** The treated surface shall be protected with 10-12 mm thick plastering (1:3 CM) Admixed with Mapeplast Super @Dosage of 200gms/50 Kg of cement. | | | | |
| | | **Note :- The ventor should get the work done by the company's approved applicator & give the warranty of 10 year on company's letterhead.** | | | | |
| | | MAKE: FOSROC / SIKA/ Dr FIXIT / MAPEI | | | | |
| | | | | | | |
| **3** | | **KHURRAS** | | | | |
| | 12.22 | Making khurras 45x45 cm with average minimum thickness of5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete. | 10.00 | No. | | |
| | | | | | | |
| **4** | 13.1 | **12 MM CEMENT PLASTER (BOUNDRY WALLS/LOW HEIGHT WALLS)** | | | | |
| | 13.1.1 | Providing cement sand plaster over brick masonry / RCC after cleaning the existing surface of any loose material / dirt., using cement sand ration 1:4 (1 cement: 4 fine sand) with waterproofing agent for boundry wall/low height walls. The work to include proper curing, racking the joints or roughening the RCC surfaces etc., complete in all respects as per Architect & engineer in charge.(Upto 10'-0" height) | 220.00 | Sqm | | |

THAPAR AND ASSOCIATES
C.A. No. 2010/30545
Mobile: +91 9646880875

| S.NO | DSR 2023 NO. | SPECIFICATIONS | QNTY | UNITS | RATE | AMOUNT |
|---|---|---|---|---|---|---|
| **4.1** | 14.75 | **CEMENT PLASTER :-** Providing cement sand plaster over brick masonry / RCC after cleaning the existing surface of any loose material / dirt., using cement sand ration 1:4 (1 cement: 4 fine sand)with waterproofing agent for walls. The work to include proper curing, racking the joints or roughening the RCC surfaces including double scaffolding system (cup lock type) etc., complete in all respects as per Architect & engineer in charge.(Above 10'-0" height) | 920.00 | Sqm | | |
| | | Make: CEMENT - ULTRATECH, SHREE ULTRA, BIRLA, ACC | | | | |
| | | | | | | |
| **5** | | **GOLA 75MMX75MM INCLUDING DISMANTLING OF OLD GOLA** | | | | |
| | 12.21 | Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design : | | | | |
| | 12.21.1 | In 75x75 mm deep chase | 110.00 | mtr | | |
| | | The work to include dismantling of old gola & removal of debris, away from site. | | | | |
| | | Make: CEMENT - ULTRATECH, SHREE ULTRA, BIRLA | | | | |
| | | | | | | |
| **6** | | **EXTERIOR PAINT** | | | | |
| | 13.45 | Finishing walls with textured exterior paint of required shade : | | | | |
| | 13.45.1 | New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @2.20kg/10 sqm including scraping of old surface, double scaffolding system (cup lock type)etc., complete in all respectes as per the instructions from Architect or Engineer in charge. | 1050.00 | sqm. | | |
| | | Make: ASIAN PAINTS, BERGER, NEROLAC | | | | |
| | | | | | | |
| **7** | | **RAIN WATER PIPE** | | | | |
| | 12.41 | Providing and fixing on wall face unplasticised Rigid UPVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. | | | | |
| | | (i)Single socketed pipes. | | | | |
| | | The work to include all accessories like Bend, Coupler, Tee, Clamps etc. | | | | |
| | 12.41.2 | 110 mm diameter | 110.00 | mtr | | |
| | (derieved) | Make: ASTRAL, SUPREME, ASHIRWAD, DIPLAST | | | | |
| | | | | | | |
| **8** | | **REPAIRS OF CHAJJAS, BEAMS, COLUMNS ETC (MICRO CONCRETE) - UP TO 3" THICKNESS (MICRO CONCRETE)** | | | | |
| | | Providing encasement to columns/beams/pardi etc, with free flow high strength non shrink micro concrete M - 35(1Cement :0.5 Sand : 1 aggregate ), using single cement micro concrete shrinkage components added with 100% by weight saturated dry stone dustithe water cement ratio should be maintained as per manufacturer's specifications to achieve dense solid mass. The Micro concrete shall be poured properly in slurry tight prefixed holding boards formwork, fixed properly in line, level and in the required size/shape and well oiled etc. The air bubbles, if any shall be removed by tapping the boards and removing the same after 24 hours, curing the micro-concrete thoroughly for 14 Days etc. complete. The rate shall be inclusive of shuttering, strutting, curing, double scaffolding system (cup lock type) etc. complete up to 3th floor. | 20.00 | sq.m. | | |
| | | Make: Pidilite, BASF, SIKA , Ultratec, JK Cement | | | | |
| | | | | | | |
| **9** | NS | **CORE CUTTING :-** Providing and making openings of 2'-0" X 1'-6" in RCC slab of thickness upto 200mm for plumbing duct, with core cutting machine inclusive of filling of core cut with fire retardant sealant of approved make as per the manufacturer's specification, cleaning, waterproofing the sides of the cut area and providing waterproofing guarantee etc complete. Note: The contractor should determine the location of beams/post tensioned tendons before carrying out the operation, getting prior approval from the builder/structural consultant and cutting all reinforcement by gas cutting machine or as directed etc., complete. As mention by the Architect. | 10.00 | nos | | |
| **10** | 4.1.2 | **Construction of RCC slab to cover the existing well** | 3.00 | cum | | |

THAPAR AND ASSOCIATES
C.A. No. [illegible]
Mobile: +91 [illegible]

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|---|---|---|---|---|---|---|
| | | Construction of RCC slab 6" thk. to cover the existing well with RCC M-15 (1:2:4) ratio. Supplying all materials excluding M.S reinforcement but includes RCC work, Labour, T&P and providing including cutting,bending, binding & tying the grills and placing in position including cost binding wire 18 to 20 gauge & Rigid smooth centering & shuttering for RCC works including false work & dismantling then after casting including cost of all materials and labour required for the work etc. conveyance of all materials to worksite, payment of royality, taxes etc all complete as per direction from Engineer in charge. | | | | |
| **a)** | | 12mm MS bar 6" C/C both ways (Horizintally & vertically) 2 layers 6" C/C | 160.00 | KG | | |
| | | | | | | |
| **11** | | **BRICK MASONRY IN WALLS** | | | | |
| **a)** | | 9" THK BRICK WORK | | | | |
| | 6.4 | Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : | 3.00 | cum | | |
| | 6.4.1 | Cement mortar 1:4 (1 cement : 4 coarse sand) | | | | |
| | | | | | | |
| **b)** | | 4.5 " THK BRICK WORK | | | | |
| | 6.13 | Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. | | | | |
| | 6.13.2 | Cement mortar 1:4 (1 cement :4 coarse sand) | 10.00 | Sqm | | |
| | | | | | | |
| **12** | | **GRANITE IN COUNTERS /SLABS INCLUDING MOULDING ON VISIBLE EDGES** | | | | |
| **a)** | 11.56 | 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. | | | | |
| | 11.56.1 | Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent with moulding on visible edges | 5.00 | Sqm | | |
| | | Basic Rate :Rs. 180/- psft | | | | |
| | | | | | | |
| **13** | NS | **EXPANSION JOINT REPAIR :-** Providing and filling the expansion joint with a rubberized, flexible polysulphide sealant TECHSEAL-940 or equivalent after cleaning the joint thoroughly to remove the foreign particles such as laitance etc. inserting the back-up filler expanded polysterene affixed with a bond-breaker over it, repairing the edges of the joint with epoxy repair mortar Techoxy, application of primer RDL-942 on the sides of the joint and finally filling the top portion with sealant and tooling the sealant for smooth finish including removal of masking tapes from both sides of the joint and disposal of debris etc. complete in all respects and to the entire satisfaction of the Engineer-in-charge. (40 x20mm) | 46.00 | Rmt. | | |
| **a)** | NS | Providing and laying the aluminium composite panel (ACP) sheet of desired colour and shade 3mm thk. over the vertical/horizontal expansion joint with screws at a distance of 1 ft c/c in a zig zag fashion to protect the treated expansion joint from weathering effects and to render an aesthetic appeal including removal of protective film from the ACP sheet complete in all respects and to the entire satisfaction of the Engineer-in-Charge. | 22.00 | Sqm | | |
| | | | | | | |
| **14** | | **PAINT WORK WITH REPAIR/ PUTTY & PRIMER** | | | | |
| **a)** | 13.83 | 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. The work includes double scaffolding system (cup lock type) etc. | | | | |
| | 13.83.2 | Two coats. (including Putty & repairs as required) | 1450.00 | Sqm | | |
| | | | | | | |
| **15** | | **ENAMEL PAINT IN WINDOWS, CHOWKHATS & RAILING** | | | | |
| **a)** | | NEW WORK: | | | | |
| | 13.62 | Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : | | | | |
| | 13.62.1 | Two or more coats on new work. | 50.00 | sqm. | | |
| **b)** | | OLD WORK: | | | | |

THAPAR AND ASSOCIATES
C.A. No. 2010/30543
Mobile: +91 9646880875

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|---|---|---|---|---|---|---|
| | 13.99 | Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : | | | | |
| | 13.99.1 | One or more coats on old work. | 250.00 | sqm. | | |
| | | * Surface area of the window / shutters including chowkhat (out to out) shall be measured for payment), No payment shall be made for thickness of chowkhats & shutters | | | | |
| **16** | | **DOORS WITH CHOWKHATS (NEW)** | | | | |
| **a)** | | **WPC (WOOD POLYMER COMPOSITE)DOOR FRAME:** | | | | |
| | | Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Clerestory windows & other Frames/Chowkhat comprising of virgin PVC polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 750 kg/cum, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm2, modulus of elasticity 900 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In- Charge. The work to include dismantling of existing chowkhat with dismantling of hold fast and necessary repair of brick and plaster, complete in all respects.<br>Note: For WPC solid door/window frames, minus 5mm tolerance in dimensions i.e depth and width of profile shall be acceptable. Variation in profile dimensions on plus side shall be acceptable but no extra payment on this account shall be made. | 10.00 | mtr | | |
| **b)** | | **WPC (WOOD POLYMER COMPOSITE)DOOR SHUTTER:** | | | | |
| | 26.87 | Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm2, modulus of elasticity 850 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In-Charge.The doors to be provided with 6-lever mortice lock with handle, 2 no. tower bolts, SS hinges (4no.), stopper etc. | 4.00 | sq.m | | |
| **e)** | **NS** | **REPAIRS OF DOORS** | 2.00 | nos. | | |
| | | Removal and repair of existing old doors : Removal of wooden flush doors out of chowkhats, re-sizeing and repairing the door,scrapping of old paint, Refixing including 1mm thick mica of approved shade, The door shall be provided with approved make lock, heavy duty door closer, 4 nos. of 5" brass oxidized hinges, SS Brush finish H handle of 9" complete. Approx. Size:- 2'-6" to 3'-3''x7'-0''. | | | | |
| | | MAKES(FLUSH DOORS): Century, Greenply, AMULYA | | | | |
| | | HDHMR: Action TESA / Century /Greenply | | | | |
| | | LAMINATE: AMULYA/CENTURY/GREENLAM | | | | |
| | | | | | | |
| **17** | | **REPAIRS OF WINDOWS** | | | | |
| | **NS** | Repairing of existing windows including provding & fixing glass in existing MS Windows & removal & dispose off the existing brocken glass & filling the gaps complete in all respects as per Architect & engineer in charge. all as per direction of Engineer-In- Charge. The work include all the hardware like 6" SS Handles, tower bolt & window stays etc. | | | | |
| **a** | | Providing & fixing 5.0 mm thick glass panes (weight not less than 12.50 kg/sqm). In fixed parts of the windows with matching teakwood beading | 120.00 | sq.m | | |
| | | | | | | |
| **18** | | **CREDIT OF OLD MATERIAL (BUY BACK) :** | -1.00 | no. | | |
| | | | | | | |
| | | **TOTAL** | | | | |
| | | GST @ 18% EXTRA | | | | |

THAPAR AND ASSOCIATES
C.A. No. [illegible]
Mobile: +91 9[illegible]875