

Tele: 0181-2630776, 2630877

Army Public School
Jalandhar cantt
C/O 56 APO

File No: 101/Quotation/APS/Waiting Room

10 July 2021

INVITATION OF BIDS FOR “CONSTRUCTION OF 1 X WAITING ROOM WITH VERANDAH AND 2 X TOILETS (ATTACHED) AT ARMY PUBLIC SCHOOL JALANDHAR CANTT”

RFP NO: 101/QUOTATION/APS/WAITING ROOM DATED 10 JULY 2021

1. Bid in sealed cover is invited from the eligible tenderers for construction of 1 x Waiting Room with Verandah and 2 x toilets (attached). Please super scribe the above mentioned title, RFP number and date of opening of the Bids on the sealed cover to avoid the Bid being declared invalid.
2. The address and contact numbers for sending Bids or seeking clarifications regarding this RFP are given below :-
 - (a) Bids/queries to be address to: Principal, Army Public School, Jalandhar Cantt
 - (b) Postal address for sending the Bids: Army Public School, MH Road, Jalandhar Cannt- 144005
 - (c) Name/designation of the contact personnel: Dr Saksham Singh, Principal
 - (d) Telephone numbers of the contact personnel: 0181-2630776, 2630877
 - (e) E-mail ids of contact personnel: apsjaladharcantt@gmail.com
 - (f) Fax number: 0181-2630776
3. **Last date and time for Deposition the Bids.** Two separate sealed envelopes consisting of technical and commercial bid should be deposited/reach by the due on **17 Jul 2021** at 1000hrs alongwith the details of similar projects executed. Tenders received after due date and time will not be considered for acceptance under any circumstances.
4. **Manner of Depositing the Bids.** **Two Sealed Bids in original** should be either handed over in person or sent by registered post at the address given below so as to reach by due date and time. Late tenders will not be considered. No responsibility will be taken for postal delay or non delivery/non receipt of Bid documents. Bids sent by Fax or e-mail will not be considered.

**Principal
Army Public School
Jalandhar Cantt**

5. **Time and Date for Opening of Technical Bids.** Date of opening of bids is **19 Jul 2021 at 1000hrs**. If due to any exigency, the due date for the opening of the Bids is declared a closed holiday, the Bid will be opened on the next working day at the same time or on any other day/time, as intimated by the Buyer. During opening of Tender, Proprietor/Partner of the Firm or their Authorised Representative may be present. In case of an Authorised Representative, an Authority letter from the Proprietor/Partner of the Firm shall be deposited to the Opening Officers for attending in the Tender Opening.

6. **Two Bid system.**

(a) The Technical Bids shall be opened on **19 Jul 2021** and a Technical Evaluation Committee (TEC) will evaluate and recommend the technical compliance of each bid as per the required technical Qualitative and quantitative requirement.

(b) The commercial Bids of only those Bidders whose technical bids meet all the stipulated (Technical) requirements shall be opened.

7. **Clarifications Regarding Contents of the RFP.** A prospective bidder who requires clarification regarding the contents of the bidding documents shall notify to the Buyer in writing about the clarifications sought not later than 05 (Five) days prior to the date of opening of the Bids. Copies of the query and clarifications by the purchaser will be sent to all prospective bidders who have received the bidding documents.

8. **Unwillingness to Quote.** Bidders unwilling to quote should ensure that intimation to this effect reaches before the due date and time of the opening of the Bid, failing which the defaulter bidder may be delisted for the future project in the APS, Jalandhar Cantt.

9. **Validity of Bids.** The Bids should remain valid till 180 days from the last date of submission of the bids.

10. **Earnest Money Deposit.** NA

11. **Schedule of Requirements.** Details of services required is as under: -

(a) **Scope of Work.** Construction of 1 x Waiting Room with Verandah and 2 x toilets (attached) at Army Public School, Jalandhar Cantt.

(b) **Dimension of Constr area.**

External Size : 31'6" (l) x 17'6" (w) x 9'6" (h)

Internal Size : 30' (l) x 16' (w) x 9'6" (h)

- | | | |
|-------|--------------|-------------------------------|
| (i) | Waiting Room | - 17ft x 16ft |
| (ii) | Verandah | - 16 ft.x 06 ft |
| (iii) | Toilets | - 7 ft. x 10ft and 7ft x 6 ft |

12. Sketch/Drawing of the project is enclosed as **Appendix 'A'**.

13. **Technical details** The Technical Bid Format is as given at **Appendix 'B'**. Bidders are required to fill this up correctly with full details. Technical specification uploaded on School website www.apsjalandhar.com.

14. **Period of Completion.**

(a) The entire work under this contract described shall be completed within **03 (Three) Months** from the date of handing over of site.

(b) The date of completion for the purpose of issue of completion certificate by the Principal, Army Public School, Jalandhar Cantt shall be the date of taking over of works, in all respect, after obtaining satisfactory test results for items of works as applicable and as specified. The defects liability period referred below shall commence from the certified date of completion of the work as per completion certificate issued by Principal, Army Public School Jalandhar Cantt.

(c) **Defect Liability Period.** Should the PMC (Project Management Committee) Army Public School, Jalandhar Cantt, consider at any time during the construction or reconstruction or prior to the expiration of a twelve calendar months after the work has been handed over by the contractor that any work has been executed with unsound, imperfect or unskillful workmanship, the contractor shall, irrespective of all kinds of payments done, at his own expense make good such works. The decision of Principal, Army Public School, Jalandhar Cantt shall be final and binding.

SPECIAL CONDITIONS OF CONTRACT

15. This section lists out important conditions of the contract.

(a) **Minimum Wages Payable.** The contractor shall not pay wages lower than minimum wages for labour as fixed by the Government of India/state Govt whichever is higher.

(b) The fair wage will be deemed to be the same as the minimum wages payable as referred to above.

(c) The contractor shall have no claim whatsoever if on account of local factor and or regulations; he is required to pay the wages in excess of minimum wages as described above during the execution of work.

(d) During the currency of the work, the contractor is expected to adhere to the time schedule and this adherence will be a part of the contractor's performance under the contract. During the execution of the work, contractor is expected to participate in the reviews and update of the work undertaken by the Principal Army Public School, Jalandhar Cantt. These reviews may be under taken at the discretion of the PRINCIPAL Army Public School, Jalandhar Cantt. Any revision of the schedule as a result of review will be submitted within a week, by the contractor to the PRINCIPAL Army Public School, Jalandhar Cantt who will approve after the scrutiny. The contractor will adhere to the revised time schedule, thereafter. In case of the Accepting Officer whose decision will be final, conclusive and binding.

(e) Contractor is expected to mobilize and employ sufficient resources to achieve the detailed schedule within the broad framework of the accepted methods of working and safety.

(f) No additional payment will be made to contractor for any multiple shift work or other incentive method contemplated by him in his work schedule, even though the time schedule is approved by the Department.

- (g) Samples of all material and other fitments will be provided and approved before commencement of the work.
- (h) Time for completion of the work shall be **3 (Three) months** from the date of signing of the contract agreement and handing over of site. No separate work order shall be issued for commencement of the work.
- (j) Date of completion shall be the date on which completion certificate is issued to the contractor which shall only be done after rectification of defects, if any pointed out by the accepting officer to the contractor/his representative.
- (k) Failure to complete the work within the period of completion shall invite reduction of compensation at the rate of 0.2% of the contract amount per week till completion of the work to the satisfaction of the accepting officer. The accepting officer may consider grant of extension of time beyond the initial period of completion in case he is fully satisfied that the delay is due to circumstances beyond control of the contractor.
- (l) No sub-letting of any part of portion of the work shall be permitted and it shall be the sole responsibility of the contractor undertaking the work to complete the work within time.
- (m) No advance payment shall be made and the payment shall be made progressively upon completion of stages, which shall be specified in contract agreement.
- (n) The rates quoted by the contractor shall include all applicable taxes, octroi, transportation, loading/unloading and labour charges. No additional payment other than what has been quoted for in the tender shall be payable to the contractor under any circumstances.
- (o) The accepting officer reserves the right to modify/add/reduce the scope of work due to site or functional requirements which shall be binding on the contractor to execute with appropriate financial effect if any as per existing market rates in Jalandhar.
- (p) Electricity and water charges at rates charged by govt agencies shall be deducted from the payment due to the contractor for the units consumed by the contractor for execution of work.
- (q) The rates quoted shall be valid for a period of 120 days from the date of opening of the financial bid.
- (r) Shelter for laborers shall be under own arrangement of the contractor.

16. **Site Engineer.** At all such time when the construction activity is going on at the site, a suitable and well qualified site engineer, with minimum qualification of Diploma civil engineering, and adequate work experience, will be physically present. Any omission in this regard will invite payment penalty of Rs 1500/- per day. The individual details along with qualification certificate will be submitted to the Principal Army Public School, Jalandhar Cantt before commencement of works at the site.

17. **Terms of Construction Work and Installation.** All the construction work will be at **Army Public School, Jalandhar Cantt** and will be subject to acceptance by inspection of Project Management Committee (PMC).
18. **Consignee Details.** Principal, Army Public School Jalandhar Cantt.
19. **Payment Schedule.** 100% payment will be made on completion, delivery, installation and acceptance by the user. Payment schedule will be as under:-
- (a) 70% payment on completion of final construction work with finishing including foundation, walls, roof, flooring, plaster, windows, doors, ventilators, Sewerage line connection, electric works with all electric appliances.
- (b) 30% on completion of work with all defects rectified, Installation of all equipment as per satisfaction of buyer and acceptance by the Project Management Committee (PMC).
20. **Inspection Authority.** The inspection will be carried out by Bd of Officers.
21. **Price Bid Format.** The Price Bid Format is as given at **Appendix 'C'**. Bidders are required to fill this up correctly with full details.
22. These INSTRUCTIONS TO TENDERERS shall form Part of the CONTRACT.

Sd/xxxx
(Saksham Singh)
Principal
Army Public School
Jalandhar Cantt

Enclosure: (As above)

Appx 'B

(Refers to Para 12 of Tender
Enquiry No 101/Quotation/APS/Waiting Room
dt 10 Jul 2021)

TECHNICAL BID FORMAT FOR "CONSTRUCTION OF 1 X WAITING ROOM WITH VERANDAH AND 2X TOILETS (ATTACHED) AT ARMY PUBLIC SCHOOL, JALANDHAR CANTI

Dimension of Constr area:

External Size : 31'6" (l) x 17'6" (w) x 9'6" (h)

Internal Size : 30' (l) x 16' (w) x 9'6"(h)

S.No	Description of items	No of qty	Units	Compliance
1.	Excavation over area n.exc. 0.80m in depth for foundation and getting out in soft/loose soil complete all as specified and directed. (Foundation work)	12.76	Cum	
2.	M&L for PCC (1:4:8) type D-2 using 40mm graded stone aggregate as in foundation filling, mass concrete etc complete all as specified and directed. (Foundation work)	2.46	Cum	
3.	M&L for fly ash brick work, in straight or curved on plan exc 6m mean radius, built in CM (1:6) complete all as specified and directed. (Foundation work)	25.30	Cum	
4.	M&L for rendering 15mm thick cement mortar (1:4) on fair faces of brick or concrete surfaces finished even and smooth without using extra cement complete all as specified and directed.	150	Sqm	
5.	M&L preparation of newly plastered surface of walls including cornices an ornamental moulding round the wall of room just below the ceiling), pilasters (a rectangular column, especially one projecting from a wall) etc. and applying one coat of wall putty 1mm thick including two coats of oil bound distemper (internal) and two coats of exterior emulsion (external) complete all as specified and directed.	200	Sqm	
6.	Material and labour mild steel TMT bars 10mm or 12 mm dia, cut to length, bent to shape required, including cranking, bending spirally for hooping for columns and beams, hooking ends and binding with and including mild steel wire (annealed)not less than 0.90mm dia or securing with clips complete all as specified and directed.	950	kg	
7.	M&L for RCC (Nominal Mix) type A1(Birla A1 cement specially designed/made for beam etc. Cement, Aggregates (crushed stone) steel, water) 1:11/2:3 (12.5/20mm graded aggregate) as in columns, beams and Lintel including waterproof plywood shuttering and scaffolds etc complete all as specified.	8.00	Cum	

8.	M&L anodised aluminium window/ventilator shutter side hung having 75 mm x 44 mm x 1.85mm thick stile bottom rail an top rail including necessary fitting joinery cleat (wood or iron strip to provide strength) glazing packing snap beading 10mm x 10mm, 2 Nos of anodised aluminium handle 150mm size, 2 No chromium plated bott hinges 75mm size and 2 No 100mm long aluminium tower bolt etc including frame of section 100mm x 44mmx 1mm and including 3.5 mm thick float glass and fixing complete all as specified & directed.	1.08	Sqm	
9.	M&L aluminium anodised door shutter having 150mm x 44mm x 1.85mm thick bottom rail, 150mm x 44mmx 1mm thick middle rail 100mm x 44mmx 1.85mm thick stile and top rail including necessary fittings joinery cleat, glazing packing snap beading 10mm x 10mm, anodised aluminium handle 200mm long (02 No), 3 No 100mm size chromium plated butt hinges, 2 No 200mm size aluminium tower bolt and aluminium body hydraulically door closer, designation No 3, universal type, weight between 61 to 80kg etc including frame of section 100mm x 44mm x 1mm and door shutter, bottom portion covered with 9mm thick pre-laminated particle board, One mortice lock (Make : Harrison) with shutter and fixing complete all as specified and directed. (Main door (double door) 5' x 8'6" – 01(D), Doors 2'6" x 6'6" – 02(D1 & D2), window 5' x 4' – 02(W), Ventilator 1'6" x 1'6" – 02(V) (all with ACP panel) .	12.5	Sqm	
10.	Supply and fixing factory made solid panel PVC door shutter 30mm thick (style) consisting of frame made out of MS tubes for top & bottom rails supplying & fixing in the frame at site, complete all as specified and directed (D3).	2.8	Sqm	
11.	M&L for anti-skid vitrified ceramic tiles 2'x2' 10mm thick polished, set and jointed in neat cement slurry and pointed in white or coloured cement to match with tile laid over and including screed bed or bedding layer 15mm thick (layer below flooring) in CM (1:6) and 100mm thick pcc as sub base 1:4:8 complete all as specified and directed.	23	Sqm	
12.	M&L for PCC 1:4:8 in floors compacted and rolled over stone soling of 10.5mm thick; compacted. The extra earth below the soling will be laid in layers, watered and compacted.	20	Sqm	

13.	M & L for anti termite treatment in floor. M&L non skid ceramic coloured tiles 7 to 8mm thick 1.25' x 1.25' for bathrooms set and jointed in neat cement slurry and pointed in white or coloured cement to match the shade of tiles laid over and including 15mm thick screed bed or bedding layer in cement mortar (1:6) and 100mm thick pcc as sub base 1:4:8 complete all as specified and directed.	15	Sqm	
14.	M & L for plinth protection. M&L 15mm dia bore steel tubing medium grade galvanised with all fittings and fixed complete to walls and ceiling or laid in floors complete all as specified & directed.	42	rm	
15.	M & L Dump proofing course of 75mm thick in PCC 1:2:4 with water proofing compound at FFL. M&L 20mm dia bore steel tubing medium grade galvanised with all fittings and fixed complete to walls and ceiling or laid in floors complete all as specified (European/Jindal).	22	rm	
16.	S&F Cera Vitreous China white wash down water closet pan (WC pattern) with Trap and Fixing Bolts (including Flushing Cistern and Flush Pipe) including connection to drain (or outgoing pipe) and to Flushing Pipe, Anti-syphonage Pipe, etc. complete all as specified and as directed.	02	Nos	
17.	Supply and fixing Cera vitreous china bowl urinal, full stall, white complete including providing and fixing plugs, bedding urinal against wall in cement mortar (1:2) securing urinal to plugs with and including 60mm long brass screws, pointing around urinal back in cement, including and fixing of flush pipe, grating with waste coupling and union for discharge pipe, waste pipe, spreader (Nahani Trap both male and female trap) etc. Complete all as specified and directed.	02	Nos	
18.	Supply and fixing in Cera Vitreous china wash hand basin, white, flat back 550 x 400mm including taps, waste chain and plug and porcelain stopper but including bracket and cutting for and pinning in ends of brackets complete all as specified and directed.	02	No	
19.	S&F rotational moulded synthetic (HDPE), water storage tank 1000 litre capacity triple layer (cylindrical vertical with closed top) hoisted & fixed in position including 20mm dia ball valve all as specified in SSR Part -1, including dismantling or existing water tank, complete all as specified and directed.	01	No	
20.	Supply and fixing GEM bib tap cast copper alloy chromium plated suitable for 15mm bore iron pipe with long body fancy type complete all as specified and directed.	04	Nos	

21.	Material & labour for concealed point wiring complete with single core 1.5Sqmm (nominal area) PVC insulated and unsheathed cable 1100 volts multistranded, copper conductor cable (FRLS) drawn through and including PVC concealed conduit not less than 20mm dia bore medium grade (ISI marked)and accessories like bends, tees, junction boxes etc, fix on wall or ceiling surfaces all as specified including 1.5 sqmm, FRLS type, copper multistranded cable as earth wire including sunken type pressed steel terminal boxes and plastic laminated white/coloured top sheet cover 3.0mm thick, for One light point/fan point/call bell point controlled by one way switch complete all as specified and directed.	15	Each point	
22.	Supply and fix switch piano flush type, 5 Amps, 240V AC, single pole, one way complete all as specified and directed	15	Each	
23.	Supply and fix socket outlet 5 Amp 5pin flush type complete all as specified.	4	Each	
24.	Supply and fix sheet metal enclosures for DB's with 200 Amp rated bus bar double door class IP-43 epoxy coated inside and outside 8 way SPN 230 volts complete all as specified and directed.	1	Each	
25.	Supply & fixing in repair energy saving tube light luminaire work diffuser LED with comprising with CRCA MS box and 4 feet 20 watt (min) retro fit tube rod having thermally conductive material lumen output 2100 lumens (min) 6500K, power factor more than 0.95, IP-20 Class-1 protection with inbuilt LED driver, surge protection upto 2KV, operative on 140 volts to 270 volts AC supply products must be made in India only, complete prewired, connection and testing complete all specified and directed.	5	Each	
26.	Supply and fix MCB SP 6 to 32 Amp. 240 volts 10KA C-curve complete all as specified and directed.	6	Each	
27.	Supply and fixing ceiling fans (Havells/Crompton), including replacement of flexible wire, rubber reel, nuts, bolts complete all as specified and directed	2	Each	
28.	Supply and fixing exhaust fans (Havells/Crompton) including replacement of flexible wire, rubber reel, nuts, bolts complete all as specified and directed	3	Each	
29.	Supply and laying XLPE insulated screened PVC bedded galvanized steel strip or wire armoured electric power cable (Heavy dully) 1100 volts grade of size 25 Sqmm 2 core complete all as specified	20	RM	
30.	Supply and fix fan regulator electronic type , five steps socket type single phase including connection complete all as specified and directed	2	Each	
31.	Electric supply for 2 Ton AC in waiting room.	1		
32.	M&L for sewerage line connection including excavation, pcc and 150mm salt glazed pipe etc. line connected to existing sewerage line (approx 35ft) complete all as specified.	1	Job	

Appendix 'C

(Refers to Para 21 of Tender
Enquiry No 101/Quotation/APS/Waiting
Room dt 10 Jul 2021)

**PRICE BID FORMAT FOR "CONSTRUCTION OF 1 X WAITING ROOM WITH
VERANDAH AND 2 X TOILETS(ATTACHED) AT ARMY PUBLIC SCHOOL
JALANDHAR CANTT"**

Dimension of Constr area:

External Size : 31'6" (l) x 17'6" (w) x 9'6" (h)

Internal Size : 30' (l) x 16' (w) x 9'6"(h)

S.No	Description of items	No of qty	Units	Cost
1.	Excavation over area n.exc. 0.80m in depth for foundation and getting out in soft/loose soil complete all as specified and directed. (Foundation work)	12.76	Cum	
2.	M&L for PCC (1:4:8) type D-2 using 40mm graded stone aggregate as in foundation filling, mass concrete etc complete all as specified and directed. (Foundation work)	2.46	Cum	
3.	M&L for fly ash brick work, in straight or curved on plan exc 6m mean radius, built in CM (1:6) complete all as specified and directed. (Foundation work)	25.30	Cum	
4.	M&L for rendering 15mm thick cement mortar (1:4) on fair faces of brick or concrete surfaces finished even and smooth without using extra cement complete all as specified and directed.	150	Sqm	
5.	M&L preparation of newly plastered surface of walls including cornices an ornamental moulding round the wall of room just below the ceiling), pilasters (a rectangular column, especially one projecting from a wall) etc. and applying one coat of wall putty 1mm thick including two coats of oil bound distemper (internal) and two coats of exterior emulsion (external) complete all as specified and directed.	200	Sqm	
6.	Material and labour mild steel TMT bars 10mm or 12 mm dia, cut to length, bent to shape required, including cranking, bending spirally for hooping for columns and beams, hooking ends and binding with and including mild steel wire (annealed)not less than 0.90mm dia or securing with clips complete all as specified and directed.	950	kg	
7.	M&L for RCC (Nominal Mix) type A1(Birla A1 cement specially designed/made for beam etc. Cement, Aggregates (crushed stone) steel, water) 1:11/2:3 (12.5/20mm graded aggregate) as in columns, beams and Lintel including waterproof plywood shuttering and scaffolds etc complete all as specified.	8.00	Cum	

8.	M&L anodised aluminium window/ventilator shutter side hung having 75 mm x 44 mm x 1.85mm thick stile bottom rail an top rail including necessary fitting joinery cleat (wood or iron strip to provide strength) glazing packing snap beading 10mm x 10mm, 2 Nos of anodised aluminium handle 150mm size, 2 No chromium plated bott hinges 75mm size and 2 No 100mm long aluminium tower bolt etc including frame of section 100mm x 44mmx 1mm and including 3.5 mm thick float glass and fixing complete all as specified & directed.	1.08	Sqm	
9.	M&L aluminium anodised door shutter having 150mm x 44mm x 1.85mm thick bottom rail, 150mm x 44mmx 1mm thick middle rail 100mm x 44mmx 1.85mm thick stile and top rail including necessary fittings joinery cleat, glazing packing snap beading 10mm x 10mm, anodised aluminium handle 200mm long (02 No), 3 No 100mm size chromium plated butt hinges, 2 No 200mm size aluminium tower bolt and aluminium body hydraulically door closer, designation No 3, universal type, weight between 61 to 80kg etc including frame of section 100mm x 44mm x 1mm and door shutter, bottom portion covered with 9mm thick pre-laminated particle board, One mortice lock (Make : Harrison) with shutter and fixing complete all as specified and directed. (Main door (double door) 5' x 8'6" – 01(D), Doors 2'6" x 6'6" – 02(D1 & D2), window 5' x 4' – 02(W), Ventilator 1'6" x 1'6" – 02(V) (all with ACP panel) .	12.5	Sqm	
10.	Supply and fixing factory made solid panel PVC door shutter 30mm thick (style) consisting of frame made out of MS tubes for top & bottom rails supplying & fixing in the frame at site, complete all as specified and directed (D3).	2.8	Sqm	
11.	M&L for anti-skid vitrified ceramic tiles 2'x2' 10mm thick polished, set and jointed in neat cement slurry and pointed in white or coloured cement to match with tile laid over and including screed bed or bedding layer 15mm thick (layer below flooring) in CM (1:6) and 100mm thick pcc as sub base 1:4:8 complete all as specified and directed.	23	Sqm	
12.	M&L for PCC 1:4:8 in floors, compacted and rolled over stone soling of 10.5mm thick; compacted. The extra earth below the soling will be laid in layers, watered and compacted.	20	Sqm	
13.	M & L for anti termite treatment in floor. M&L non skid ceramic coloured tiles 7 to 8mm thick 1.25' x 1.25' for bathrooms set and jointed in neat cement slurry and pointed in white or coloured cement to match the shade of tiles laid over and including 15mm thick screed bed or bedding layer in cement mortar (1:6) and 100mm thick pcc as sub base 1:4:8 complete all as specified and directed.	15	Sqm	
14.	M & L for plinth protection. M&L 15mm dia bore steel tubing medium grade galvanised with all fittings and fixed complete to walls and ceiling or laid in floors complete all as specified & directed.	42	rm	

15.	M & L Dump proofing course of 75mm thick in PCC 1:2:4 with water proofing compound at FFL. M&L 20mm dia bore steel tubing medium grade galvanised with all fittings and fixed complete to walls and ceiling or laid in floors complete all as specified (European/Jindal).	22	rm	
16.	S&F Cera Vitreous China white wash down water closet pan (WC pattern) with Trap and Fixing Bolts (including Flushing Cistern and Flush Pipe) including connection to drain (or outgoing pipe) and to Flushing Pipe, Anti-syphonage Pipe, etc. complete all as specified and as directed.	02	Nos	
17.	Supply and fixing Cera vitreous china bowl urinal, full stall, white complete including providing and fixing plugs, bedding urinal against wall in cement mortar (1:2) securing urinal to plugs with and including 60mm long brass screws, pointing around urinal back in cement, including and fixing of flush pipe, grating with waste coupling and union for discharge pipe, waste pipe, spreader (Nahani Trap both male and female trap) etc. Complete all as specified and directed.	02	Nos	
18.	Supply and fixing in Cera Vitreous china wash hand basin, white, flat back 550 x 400mm including taps, waste chain and plug and porcelain stopper but including bracket and cutting for and pinning in ends of brackets complete all as specified and directed.	02	No	
19.	S&F rotational moulded synthetic (HDPE), water storage tank 1000 litre capacity triple layer (cylindrical vertical with closed top) hoisted & fixed in position including 20mm dia ball valve all as specified in SSR Part -1, including dismantling or existing water tank, complete all as specified and directed.	01	No	
20.	Supply and fixing GEM bib tap cast copper alloy chromium plated suitable for 15mm bore iron pipe with long body fancy type complete all as specified and directed.	04	Nos	
21.	Material & labour for concealed point wiring complete with single core 1.5Sqmm (nominal area) PVC insulated and unsheathed cable 1100 volts multistranded, copper conductor cable (FRLS) drawn through and including PVC concealed conduit not less than 20mm dia bore medium grade (ISI marked)and accessories like bends, tees, junction boxes etc, fix on wall or ceiling surfaces all as specified including 1.5 sqmm, FRLS type, copper multistranded cable as earth wire including sunken type pressed steel terminal boxes and plastic laminated white/coloured top sheet cover 3.0mm thick, for One light point/fan point/call bell point controlled by one way switch complete all as specified and directed.	15	Each point	
22.	Supply and fix switch piano flush type, 5 Amps, 240V AC, single pole, one way complete all as specified and directed	15	Each	
23.	Supply and fix socket outlet 5 Amp 5pin flush type complete all as specified.	4	Each	

24.	Supply and fix sheet metal enclosures for DB's with 200 Amp rated bus bar double door class IP-43 epoxy coated inside and outside 8 way SPN 230 volts complete all as specified and directed.	1	Each	
25.	Supply & fixing in repair energy saving tube light luminaire work diffuser LED with comprising with CRCA MS box and 4 feet 20 watt (min) retro fit tube rod having thermally conductive material lumen output 2100 lumens (min) 6500K, power factor more than 0.95, IP-20 Class-1 protection with inbuilt LED driver, surge protection upto 2KV, operative on 140 volts to 270 volts AC supply products must be made in India only, complete prewired, connection and testing complete all specified and directed.	5	Each	
26.	Supply and fix MCB SP 6 to 32 Amp. 240 volts 10KA C-curve complete all as specified and directed.	6	Each	
27.	Supply and fixing ceiling fans (Havells/Crompton), including replacement of flexible wire, rubber reel, nuts, bolts complete all as specified and directed	2	Each	
28.	Supply and fixing exhaust fans (Havells/Crompton) including replacement of flexible wire, rubber reel, nuts, bolts complete all as specified and directed	3	Each	
29.	Supply and laying XLPE insulated screened PVC bedded galvanized steel strip or wire armoured electric power cable (Heavy dully) 1100 volts grade of size 25 Sqmm 2 core complete all as specified	20	RM	
30.	Supply and fix fan regulator electronic type , five steps socket type single phase including connection complete all as specified and directed	2	Each	
31.	Electric supply for 2 Ton AC in waiting room.	1		
32.	M&L for sewerage line connection including excavation, pcc and 150mm salt glazed pipe etc. line connected to existing sewerage line (approx 35ft) complete all as specified.	1	Job	
Total Cost including GST				