



F. No.01-04/GA/2019-FSSAI
FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA
MINISTRY OF HEALTH AND FAMILY WELFARE
3RD FLOOR, FDA BHAWAN, KOTLA ROAD,
NEW DELHI-110002.

Dated, the 22 September, 2021

TENDER NOTICE

INVITING BIDS FOR CREATION OF FURNISHED OFFICE STRUCTURE WITH
COMPLETE INTERIORS, FURNITURE & FIXTURES, AIRCONDITIONING SYSTEM,
OTHER MISC & CIVIL WORK AT TERRACE, MMU BUILDING,
KOTLA ROAD, NEW DELHI – 110 002

Food Safety and Standards Authority of India (FSSAI) invites **online bids** from the reputed & experienced CPWD/PWD/Govt contractors for carrying out of temporary light weighted structure (LGSF Structure), interior work, customised furniture and fixtures, installation air-conditioners on terrace floor of Mass Mailing Unit Complex existing building premises located at Mata Sundari Road, New Delhi-110 002 and allied works as per details indicated in Part-II of this RFP.

02. The bids are to be submitted in two parts viz Technical and Commercial/Price Bid. Technical bid will contain Bid Security Declaration (BSD), an undertaking for acceptance of all terms and conditions, qualification document, and the Price Bid which will be as per the prescribed format i.e. Annexure-5 attached with this RFP.

03. Tender document containing detailed specifications, terms & conditions are available on FSSAI *website: www.fssai.gov.in* and on *CPP Portal viz Govt e-procurement system at etenders.gov.in*. The same can also be obtained from GA Division, FSSAI, 3rd Floor, FDA Bhawan, Kotla Road, New Delhi free of cost.

04. The duly filled in Tender Document with relevant supporting documents addressed to Director (GA), FSSAI, 3rd Floor, FDA Bhawan, Kotla Road, New Delhi 110002 may be submitted online latest by **21st October, 2021 by 1100hrs.**

05. **Address for communication:** Director (GA), Food Safety and Standards Authority of India (FSSAI), 3rd Floor, FDA Bhawan, Kotla Road, New Delhi - 110002 (email: gadmin@fssai.gov.in).

Director (General Administration)
Food Safety and Standards Authority of India

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1. This RFP is divided into five Parts as follows:
 - (a) **Part I** – Contains General Information and Instructions for the Bidders about the RFP such as the time, place of submission and opening of tenders, Validity period of tenders, etc.
 - (b) **Part II** – Contains essential details of the works/services required, such as the Technical Specifications, Delivery Period, Mode of Delivery and Consignee details.
 - (c) **Part III** – Contains Standard Conditions of RFP.
 - (d) **Part IV** – Contains Special Conditions applicable to this RFP and which will also form part of the contract with the successful Bidder.
 - (e) **Part V** – Contains Evaluation Criteria and Format for Price Bids.
2. This RFP is being issued with no financial commitment and the FSSAI reserves the right to change or vary any part thereof at any stage. FSSAI also reserves the right to withdraw the RFP, should it become necessary or considered appropriate at any stage without assigning any reason there-for.

PART I – GENERAL INFORMATION

1. **Last Date and Time for Depositing the Bids.** **21st Oct, 2021 at 1100 hrs.**

The Bids, both Technical and Commercial should be submitted online by due date and time. The responsibility to ensure this lies with the Bidder.

2. **Manner of Depositing the Bids.** Bids are to be submitted online on CPP Portal.

3. **Time and Date for Opening of Bids.** Bids will be opened at **1130 hrs on 22nd Oct, 2021**. If due to any exigency, the due date for opening of the Bids is declared a closed holiday, the Bids will be opened on the next working day at the same time or on any other day/ time, as intimated by FSSAI.

4. **Opening of Bids.** Bids will be opened as per above given schedule. Please note that only the Technical Bid would be opened on the time and date mentioned above. The financial Bid of only those firms will be opened, whose Technical Bids are found compliant/suitable after Technical Evaluation is done.

5. **Submission of Bids**

(a) Bids against this RFP are required to be submitted, as stated above, under a two-bid system as per the technical requirements indicated in **Part-II of this RFP**. The technical bids are to be accompanied with Bid Security Declaration (BSD) and other related supporting documents.

(b) Commercial bids of only the technically qualified bidders would be opened/considered and no representation in this regard shall be entertained.

6. **Clarification of RFP.** Bidders may seek clarifications in writing regarding this RFP document within ten days (10 days) of issue of RFP i.e. by 08 October, 2021. FSSAI shall respond in writing to any such request for clarifications and all such clarifications shall be posted on the official website of FSSAI i.e. www.fssai.gov.in and also on CPP portal. It is recommended that all bidders physically inspect the venue for the proposed work and services to get an accurate estimation of the requirements, prior to submission of their Bids.

7. **Pre-Bid Conference.** A pre bid meeting will be held on **04-10-2021 at 11 AM** in the office of Food Safety and Standards Authority of India at 3rd Floor, FDA Bhawan, Kotla Road, New Delhi - 110 002, to clarify issues and to answer queries on any matter pertaining to the bid that may be raised. The bidders willing to attend the pre-bid conference are requested to inform the FSSAI beforehand in writing or through email. They may also bring their queries in writing which could also be sent through email not later than two days before the scheduled date of pre-bid meeting. The bidders are requested to examine the Qualifying and Technical requirements of the Bid Documents so as to avoid any confusion/scope of not adhering to fulfilling the required conditions and submission of supporting documents along with the bid. In case bidders choose to offer or suggest better features/specifications/design etc; and concept/material to be used the same shall be discussed by the bidders in the pre-bid meeting and bidders shall also clearly spell out the advantages and superiority of going by such deviations, if they consider it more appropriate and necessary for better execution of the proposed work. The documentary evidence for offering such suggestions with justification shall have to be submitted to FSSAI during the pre-bid meeting. Based on FSSAI's confirmation on these points, bidder will submit its offer and will not be allowed to make any further technical deviation at the time of submission of technical offer. Minutes of pre-bid conference/meeting, including the text of the queries raised and the responses/suggestions given, together with any responses prepared after the meeting, will be transmitted without delay to all purchasers of the bidding documents and/or published on FSSAI's website www.fssai.gov.in and on CPP Portal. Any changes which may become necessary as a result of pre-bid meeting may be made by the FSSAI exclusively through the issue of an addendum and not through the minutes of the pre bid meeting. **It may be noted that non-attendance at the pre bid meeting will not be a cause for disqualification of a bidder and is purely voluntary.** The maximum number of participants from an applicant, who chooses to attend the Pre-Bid Conference, shall not be more than two persons. The representatives attending the Pre-

Bid Conference shall be in possession of an authority letter, duly signed by the authorised signatory of his/her organisation.

8. During evaluation and comparison of bids, the FSSAI may, at its discretion, ask the bidder for a clarification on his bid. No post-bid clarification by the bidder will be entertained.

9. Canvassing by the Bidder in any form, unsolicited letter and post-tender correction may invoke summary rejection of the bid and the bidder may be banned from submitting bids for next five years. Conditional tenders will be rejected.

PART II – ESSENTIAL DETAILS OF ITEMS/SERVICES REQUIRED

Introduction. FSSAI, a statutory body under Min of Health & Family Welfare intends to create furnished ready to use office infrastructure on roof top of MMU Building premises located at Mata Sundari Road, New Delhi-110 002 with a view to have an additional office space urgently required. The construction of additional infrastructure on roof top would be temporary in nature and no RCC work for roofs/walls shall be allowed and therefore the material used for construction has to be light weighted viz LGSF steel blended with aluminum rust proof structure. It will be carried out without using existing staircases. However, the walls & roofs would be insulated properly with at least 100mm thick glass wool as per details specified in scope/description of work. It would be an air conditioned space with modern facilities by creating modern fully equipped office area. The necessary preventive measures of energy saving by way of using LED lights only and for provisioning of Solar Panels on roof tops with 35-40 degree slant towards south west so as to have the ready built space/infrastructure to set up solar panels and requisite wiring for the same. The total area available for construction at terrace is approx 250 sqm, leaving the remaining area as open for keeping firefighting equipment/water dispenser pipes/valves etc. and outdoor air-conditioning unit. The detail for the requisite jobs to be carried out are mentioned in RFP and the layout plan, overall design is attached as Appendix-A to this RFP.

2. The construction material for terrace shall be light weighted. The Pillars would be rust free Steel Iron blended with aluminium based and the structure shall be reinforced by a framework of metal trusses architecturally designed. The selected agency will ensure the load bearing capacity and stability of the proposed structure together with its installations and furniture and fixtures and all electrical/electronic equipment, solar panels and safe to bear **more than 100km wind speed**.

3. Ceiling (ready to move) height should not be less than 9 ft from the usable furnished floor area with canopy for the proposed construction area giving minimum visibility from the front side of the building.

4. **Schedule of Requirements or Scope of Work to be carried out:**

General Description of Items

A. **Prefabricated Office Shelter Design parameter:** complete in all respects as per the concept drawings attached including Design, Supply, Installation, Civil works including provision in structure for fitting of electrical & air- conditioners fixtures, Electrical works as per the general specifications as detailed below & as per the requirement and directions of

concerned officials and Expert as per attached drawing. The Internal walls shall be up to the height of ceiling.

1. Structural steel: The shelter will have suitable structural steel framework of trusses & purlins made up of RHS sections designed as per IS 875 suitable for conditions as mentioned in design parameter. The shelter shall also have suitable runners for fixing wall cladding. All steel work will be given two coats of red oxide zinc chromate primer by the manufacturer in the factory. All the steel items shall be painted using 2 coats of synthetic enamel paint of approved shade.

2. Doors: The door shutter panel will be of 25mm thick puf panel having PPGI lipping all round duly fixed to the frame using 3 hinges. The door will be with fly mesh shutter. Each door shutter shall be having 1 Nos. aldrops of 250 mm, 1 nos 100 mm tower bolt fixed on inside & 2 nos 150 mm 'D' shaped handle.

3. Windows: UPVC - 2- way sliding window / fixed shall be provided with all fitments. The window shutter shall be provided with glazing of 5mm toughened glass + min 10 mm air gap +5 mm toughened glass fixed using rubber gasket. The window shall be provided with sliding fly proofing.

4. Sunshades: Suitable sunshades made out of 0.50 mm PPGI Sheets will be provided to all external windows and doors not covered under Verandah. The minimum projection for the sunshades will be 450 mm and 300 mm wider than the width of the opening.

5. Electrification: Details as per attachment.

6. Civil Foundation & Flooring: As per standard engineering practices: The foundation plinth beam will be on the mother slab and upto 150mm above the existing terrace floor level & shall be covering the following aspects as per drawing.

A. Excavation of Base-work on Terrace& Backfilling of available excavated area.

B. Providing & Laying in Position Cement Concrete in base 1:5:10(1 Cement: 5 Coarse Sand: 10 Graded Stone Aggregate 40 mm Nominal sizes).

C. Brick Work with bricks of class designation 75 in: Cement Mortar 1: 6 (1Cement: 6 Coarse Sand).

D. Providing & Laying Damp Proof Course (DPC) 75mm thick with Cement Concrete 1: 2: 4 (1 Cement: 2 Coarse Sand: 4 Graded Stone Aggregate 12.5mm Nominal size) over the brick work.

E. Sand Filling up to 50 mm over compacted earth. F. Providing & Laying in Position Cement Concrete in floor 1: 3: 6 (1Cement: 3 Coarse Sand: 6 Graded Stone Aggregate 20mm Nominal size) 75 mm thick. G. Providing & laying vitrified tile 600x600 size over PCC in floor as per specification. Providing & laying vitrified tile super glossy nano tech as per approved patterns with approved colour & make on 20mm thick cement mortar 1:4 (1 cement: 4 coarse sand) sand mortar bed fixed with neat cement paste including fixing to required slopes, floating filing joints with white /coloured tile joints filing compound, curing etc. complete in all respects as per drawings and directions. (Basic rate Rs. 100/- sft). Make Kajaria,Somany NITCO or equivalent. H.

Cement Plaster - 12 to 15mm thick mix on the exposed external Brick wall over NGL in 1: 6 (1 Cement: 6 Fine Sand) finished with Water proofing Cement Paint Snowcem or equivalent of approved shade. I. Plinth protection of average 50 mm thick 1:5:10 and 300 mm in width (Sloping from 3 inches to 1 inch).

The details of work description with estimated quantities which would be required for the proposed construction and allied work is given below: -

S.No.	Items/Description	Unit	Qty
(A)	Super Structure for temp construction on terrace : Designing, fabricating, supplying & erection at site (Roof top level i.e. upto 20 mtr height) of pre-engineered / prefabricated light weight single storey without staircase steel structure as follows:	Sqm	240.00
	The structure shall consist of works as under:-		
	Structural Framework:- Fabrication and supply of the walls panels, roof trusses joists shall be all made up of roll-formed cold rolled lipped “C” steel sections of width 89mm or 150 mm made out sheet thickness ranging from 0.75mm to 1.20 mm with Zinc/Galvalume coating of 275GSM and steel yield strength of 550MPa i/c portal frame made of HR steel if required to accommodate large rooms including the base plate anchor bolts etc.		
	Purlin:- GI hot section/ Galvalume “C” section		
	Runner: Cold rolled lipped “C” steel sections shall be provided @ interval of 750 mm c/c for hanging of lights / false ceiling .		
	Roofing:- Metal profile PPGL 0.5mm TCT in colours as approved		
	Roof Insulation:- 16kg/m ³ , 100mm thk Fiber glass roof insulation		
	External Wall Cladding:- 12mm thick Heavy duty Fiber cement boards of exterior grade Building Paper – Breather Foil on external face of LGSF wall. Internal wall cladding: - 12 mm thick Normal fiber cement boards upto bottom of truss/joist,However the clear height of bottom of truss/joist shall not be less than 3.0 mtr from floor level . Internal Wall Lining – 12.5mm thk Gypsum Plaster board with necessary fixing with necessary screws and finishing with jointing compound and jointing tape etc.		
	Wall Insulation: - 100mm thick mineral wool 48kg/m ³ density. Suitable sun shades made out of 0.50 mm PPGL sheets will be provided to all external windows and doors not covered under verandah. The minimum projection for the sun shade shall be 450 mm and 300 mm wider than the width of the opening.		
	Gutter and down take pipe:- Valley Gutter and down take pipe as per Architectural and as per actual requirements		
	Finishing:- Ready to paint surface for interior & exterior including Jointing & a coat of cement primer		

	Soffit and Eaves or equivalent Lining :- External Soffit and Eaves Lining with Fiber cement Boards.		
	All civil work upto plinth level/Roof top level where the prefabricated structure to be erected shall be paid separately as per requirement & site conditions. The work shall be executed as per drawing enclosed.		
	(The outside dimensions in plan of the light gauge metal frame shall be measured for working out the area payable under this item. However, cut-out/opening shall be deducted from the above measured areas. Nothing extra shall be paid for roof projections/ sunshades, or height.)		
	(Note: Split up of components of this item is not permitted, all relevant works/items shall be of specialized LGSF original manufacturer preferably make Everest or equivalent)		
	The above work include removal / shifting of all services existing on the relevant area as per the instruction of officer – in –charge,		
1	The structure shall consist of works as under:-		
	(B) STRUCTURAL WORK		
2	Supply and Erection of Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	2000.00
	(C) DISMANTLING WORK		
3	Demolishing of Brick Work manually/ by mechanical means including stacking of serviceable material and	Cum	20.00
	disposal of unserviceable material within 50 meters lead as per direction of concerned official.		
4	Dismantling tile work i.e. demolishing/chipping of existing stone/tiles from floors and roofs manually/by mechanical means including stacking material within 50 Mtrs lead for thickness of tiles 10mm to 25mm and removal of unserviceable material at site as per direction	Sqm	250.00
5	Removal of debris from site and shifting to appropriate location as per the local authority regulations.	Cum	30.00
6	Dismantling/Demolishing of all existing RCC work by automated mechanical means including stacking of steel bars and disposal of unserviceable material as per direction of concerned officer-in-charge.	cum	1.000
	(D) CC & RCC Work		
7	Providing and laying in position Cement Concrete of specified grade excluding the cost of centering and shuttering. All work upto plinth level : 1:4:8 (1cement : 4coarse sand (zone-III) : 8 graded stone aggregate 40mm nominal size)	Cum	18.00
8	Providing & laying Reinforced cement concrete 1:1.5:3 (1cement : 1.5coarse sand : 3graded stone aggregate 12- 20mm nominal size and coarse sand) excluding the cost of centering and shuttering for all floors.	Cum	3.00

9	Centering and shuttering: Approved Marine plywood or 3mm thick steel plate shuttering and centering for structural concrete work in locations called for including strutting, propping, bracing, bolting, wedging, casing, striking, removal etc. complete for any size, section, thickness. Props shall consist of well designed steel pipes adequately braced. The item to include centering and shuttering at all heights and levels for columns, Lintels, beams, plinth beams, grids, bressumers & cantilevers, slabs etc.	Sqm	50.00
10	Reinforcement for R.C.C. Work including straightening, cutting, bending, placing in position and binding all complete Cold Twisted Bars of grade FE-500D	Kg	950.00
(E)	Masonry Work		
11	Brick work with bricks of class designation 75 in Super structure in cement mortar 1:6 (1cement:6 coarse sand of zone-II) at all heights and levels.	Cum	10.00
12	Half brick masonry with bricks of class designation 75 in super structure above plinth level in cement mortar 1:4 (1cement :4 coarse sand of zone-II)	Sqm	20.00
13	Extra for providing and placing in position 2 Nos. 6mm dia M.S. bars at every third coarse of half brick masonry (with F.P.S. bricks).	Sqm	20.00
(F)	BRICK BAT COBA WATERPROOFING		
14	Providing on top of slab surface cement slurry mixed with water proofing compound thereafter providing cement mortar 1:4 (1 cement : 4 coarse sand) 20mm thick with polymer based water proofing compound and layer of new half broken bricks (coba) giving gaps of 15-20mm between broken bricks, providing necessary gradient for proper flow of water and providing cement slurry with water proofing compound spread over brick bat coba in cement mortar 1:4 (1 cement : 4 coarse sand) with water proofing compound filled in gaps of broken bricks and 20mm plaster in cement mortar 1:4 (1 cement : 4 coarse sand) mixed with polymer based water proofing compound, top finished smooth with neat cement and providing rope chequers including extending the water proof plaster 300mm on vertical surfaces with necessary chasing / treating of walls including providing and making gola as per drawing etc. Average thickness of the brick bat coba to be avg. 125mm include providing and making khurrahs 450mm x 450mm with average minimum thickness of 50mm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) finished with aluminum foil and 12mm cement plaster 1:3 (1 cement : 3 coarse sand). (Plan area will be measured and paid) Khurrahs (25 Nos or so and as per site requirement).	Sqm	10.00

15	Providing and laying integral cement based treatment for water proofing on horizontal surface at all level structures as directed and consisting of :- (i) 1st layer of 22 mm to 25 mm thick approved and specified rough stone slab over a 25 mm thick base of cement mortar 1:3 (1 cement : 3 coarse sand) mixed with water proofing compound conforming to IS:2645 in the recommended proportion over the leveling course (leveling course to be paid separately). Joints sealed and grouted with cement slurry mixed with water proofing compound. (ii) 2nd layer of 25 mm thick cement mortar 1:3 (1 cement: 3 coarse sand) mixed with water proofing compound in ecommended proportions. (iii) Finishing top with stone aggregate of 6 mm to 10 mm nominal size spreading @ 8 cudm/sqm thoroughly embedded in the 2nd layer USING KOTA STONE	sqm	20.00
(G)	CIVIL WORK		
16	Excavation of Base Work/ Brick bat coba on terrace & back filling of available excavated area with demolition of any RCC/Brick wall.	Sqm	20.00
17	Providing RCC Plinth beam of 150 x 230mm with nominal reinforcement of 8mm TMT bars & M20 concrete including shuttering for fixing of LGSF wall by means of anchor fastener.	Cum	20.00
18	Providing & laying in position cement concrete in floor 1:3:6 (1 Cement: 3 Corase Sand : 6 Graded Stone Aggregate 20mm Nominal size) 75mm thick. With Water Proofing	Cum	2.00
19	Plinth beam edge Protection of average 50mm thick 1:5:10 and 300mm in width (Sloping from 3 inches to 1 inch)	Cum	4.00
20	12 to 15mm cement plaster of mix ; 1:5(1cement :5 fine sand of zone-IV) including galvanized chicken wire mesh (24 gauge 12 mm size) to junctions of concrete and masonry work and other locations including cutting to required sizes, side laps of minimum 75 mm and fixing in position with galvanized iron wire nails, complete.	Sqm	25.00
21	Dismantling of the existing toilet at terrace and Civil construction of store/toilets area on terrace floor level for toilet,, raising brick walls on plinth beams over existing terrace after removing existing water proofing & brick tiles flooring, laying I-section & T-irons in 75x75x10mm with agra stone slabs and then laying RCC in 75mm average thickness with water proofing on top, inside & outside plaster, PCC under floor etc including partition wall with plaster.	Sqm	20.000
22	Providing & laying PCC in average 75mm thickness to raise the floor level by 350mm and to conceal the existing exposed water supply lines on terrace after filling the concerned area with light weight foam concrete blocks to make the passage walkable between the pantry, toilets and AC plant on the terrace	Sqm	5
22A	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes	kg	1000

(H)	TILES / STONE / MARBLE WORK		
23	Flooring (Dry Area): Floor tiles and skirting (100 mm height) in general & dry areas shall be of Vitrified Tiles in different sizes 800x800mm / 1200 x 1800 mm / 1200x 1200 mm of approved color with water absorption less than 0.08% and conforming to IS:15622 laid on a bed of 20mm thick cement mortar 1:3 (1Cement:3 Coarse sand) finished with a flush/spacer pointing in tile grout with matching epoxy including preparation of surface, cleaning etc complete. (Kajaria/Somany/Nitco or equivalent make)	Sqm	240.00
24	Flooring (Wet Area): Toilet area - Minimum 7 mm thick antiskid tiles of Kajaria/Somany/NITCO/ make approved equivalent of approved colour & quality. (Average Base Price – Rs. 100/Sqft including design and border on total area) (Kajaria/Somany/Nitco or equivalent make)	Sqm	40.00
25	Wall Tiling (Toilet and Pantry Area): Providing and Fixing rectified Glazed Ceramic Tiles of 300x450mm or 300x300mm as available up to height of 2100mm in toilets shall be used for Dado/ wall tiles, of approved colour and Kajaria make, fixed on the wall with the help of adequate adhesive, finishing, cleaning etc complete. Joints to be finished with tile grout with matching pigment etc. Complete (Average Base Price – Rs. 80/Sqft including design, border and glass strip etc on total area) (Kajaria/Somany/Nitco or equivalent make)	Sqm	100.00
26	Water Proofing (Toilet wall area): Water proofing with plastomeric modified APP polymer membrane reinforced with non-woven fibre in Toilet areas upto 7ft height.	Sqm	70
27	Providing & fixing 18mm thick mirror polished, machine cut granite (as per sample approved by the Architect) in flooring and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4(1cement:4 coarse sand) with joints treated with cement, mixed with matching pigment including curing etc. complete Base price of granite to be 200/sft)	Sqm	20
28	Providing & fixing Exterior Grade floor Tile of 1st quality conforming to IS:13755 in approved color and round pattern laid on 20 mm thick cement mortar 1:4 (1cement:4 coarse sand) including providing 4-5 mm gap between two tile all around as per detail drawing etc. complete consider basic rate Rs 150/sft (for rounder patterns)	Sqm	50
29	Providing & fixing Broken Tile Mosaic on Wall in approved color & pattern laid on 20 mm thick cement mortar 1:4 (1cement:4 coarse sand) including providing 4-5 mm gap between two tile all around as per detail drawing etc. complete. consider basic rate Rs 80/sft	Sqm	40
30	Providing edge moulding to 18mm thick gang saw cut granite for pantry platform, vanity counter, window sills, facias, and similar location of required size, including rubbing, moulding& polisging to edges to give high gloss finish etc complete at all levels	metre	50
(I)	WOODEN FLOORING		
31	Providing & Fixing 8mm thick water proof MDF over heavy duty polythene sheet to avoid moisture/damages to the carpet tile flooring	sqm	20

32	Providing & fixing Prelaminate wooden flooring With high resistance towards scratches / cigarette Burns, furniture legs in high abrasion resistance, HPL laminate surface layer, HDF core material & Compact sound block underlay in thickness upto 9mm plank size upto 1195 x 200mm in Pergo /Kronotex or equivalent make in natural touch or Matte finish AC-5 grade as per direction of officer in charge.	Sqm	20
(J)	PAINTING		
33	Providing and applying wall putty of approved make and quality over plastered surface to prepare the surface even and smooth for the wall paper using material of approved make all complete. (Birla putty)	Sqm	800
34	Internal Wall Paint : Providing & applying 2 or more coats of Plastic Emulsion paint including a coat of primer (Asian Royale or equivalent).	Sqm	800
35	External Wall Paint : Providing & applying 2 coat of Exterior weather coat with sealant and cement primer coat on external surface of fiber cement boards. (make Asian Apex Ultima)	Sqm	300
36	Providing and applying exterior Textured finish wall coating compact finish on external walls i/c coat of sealer and two coats of primer on plastered surface as per manufacturers specification and approved shade including scaffolding wetting and curing etc. complete all level.	Sqm	20
37	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture (Asian, ICI or equivalent)	Sqm	50
(K)	FALSE CEILING		

38	<p>False Ceiling : Providing and fixing tiled false ceiling of approved 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 24x24x0.3mm and laying also ceiling tiles of approved texture in the grid including, required utting/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, 4mm GI adjustable rods with galvanized 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 the concerned incharge. GI Metal Ceiling Lay in plain 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 electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.</p>	Sqm	10
39	<p>Providing 20mm thick plaster of paris (gypsum anhydrous) ceiling up to height of 5m above floor level including coves & moulding as per sample approved consisting of frame work made of special sections power pressed from MS sheet with galvanized coating consisting of ceiling angle hanger of 20x20x0.5mm thick of required length 1 and fixed to ceiling with dash fastener and other end with hanging arrangement G.I channels 45x25x0.9mm, 5 nos member running to which ceiling section 0.5mm thick bottom rail of 80mm with tapered flange of 26mm each fixed with self-taping screws running in a direction perpendicular to G.I channel fixed with self-taping screws @ 400c/c and perimeter angle 20x20x0.5mm fixed to wall with rawl plugs @ 900mm c/c. Providing & fixing stainless steel grade 304 wire gauge with wire of dia 0.5mm mesh fixed to wedge shaped ceiling section i/c cutting & making smooth surface with scaffolding etc. including Cove and design etc to accommodate the designer light / profile light etc all complete as per directions of Officer in charge</p>	Sqm	230
40	<p>Designer False ceiling made out of Wooden frame suspended from the trusses / Ceiling, BWP ply in 18mm thickness pasted with 3mm MDF for grooves and finally finished with 1mm thick designer laminate / glass / other designer items complete as per the directions of the officer concerned.</p>	sqm	20
41	<p>POP punning plaster on walls to give an even & smooth finish average 15mm</p>	Sqm	100
(L)	ELECTRICAL WORK		

42	Electricals: Providing electrical work comprising of PVC Conducing, Point / Power wiring, including CAT-6 cabling of D-Link Make, EPBAX, CCTV, LAN & Networking and for Office Automation, HUB common connector, cabling from Router to workstations and cabins an (Havells FRLS or equivalent), Modular Switches, Sockets with boxes (Northwest or Norises or Legrand or equivalent) & respective cover plate. All the wiring shall be terminated at server room / DVR/ Panel room etc as per the design and detail. (All other fittings & fixtures in concerned officials" scope) as per given specifications and amended upto date.	Sqm	250
43	Supply, Installation, Testing and Commissiong (SITC) of Garden Bollard decorative luminaire Light with 1x 7 watt LED lamp on the existing foundation i/c S/F of 1 No 7 W LED lamp i/c connection with 1.5 Sqmm FRLS PVC insulated ,copper conductor ,single core cable etc as reqd	Each	2
44	SITC of 15 watt LED type Down Lighter fitting direct in the fall ceiling (Recessed) type i/c testing commissiong and connection etc complete as required (Phillips/wipro/Max or equivalent make) up to 150mm in size whether round or square as per design	Each	100
45	SITC of essential LED tube Fitting 4' 20w/840 T8 1nd 1200 on surface or cove i/c connection etcar required (Philips/Wipro/Max or equivalent make) of 18 watt LED tube fitted with CFL or LED bulbs as per design.	Each	40
46	LED Wall Bracket Lights (Weather Proof)	Nos	4
47	Providing & fixing Designer profile lights completely cutomized to the size and designs provided by the Project Architect in required colour & specifications and including the cost of light fixture, cost of customization, fixing materials, labour, tansport and lifting & handling charges (30Watt/50mm/6500K/ recessed)		
(i)	50 mm wide in Designer shape for office / Work station	mtr	100
48	Providing & fixing upto 3 watt LED lights for Nitches and wall panelling to be used as wall washers as directed by the Project Architect in required colour & shade preferably in Phillips, Wipro, Syska or equivalent make	each	10
49	Providing & fixing upto 3/6 watt LED strip lights for vertical Nitches and wall panelling to be used as wall washers as directed by the Project Architect in required colour & shade preferably in Phillips, or equivalent make	mtr	20
50	Supplying, installation, testing and commissioning of necessary MCB's B/ C series & minimum 10kA breaking capacity, RCCB's, isolator etc. in existing distribution boards including dressing, ferruling, thumbing of wires etc. complete as per specifications and details as follows:	Nos	3
	4 WAY TPN DB		
	INCOMER :		
	1 no. 40A, FP MCB/ RCCB		
	Outgoings		
	12 Nos. 6A/10A/16A/20A/25A SP MCB's, as specified in drawings.		

51	Providing & fixing Electrical LT panel including labour, boxing in heavy gauge with powder coating fitted with all required Switch gears and other electrical materials complete including transportation and lifting charges etc.	each	1
52	Providing & fixing Electrical cables including labour, with all required electrical materials complete including transportation and lifting charges etc. in Havells Make and required specifications		
i)	4/10 copper armoured	mtr	100
ii)	4/16 copper armoured	mtr	100
iii)	4/185 aluminium armoured	mtr	70
53	Providing & fixing ELCB in 4 pole 63Amp as desired by the Hitachi Audit Team complete including material, labour & fixing materials	each	2
54	Providing & fixing TPN in 4 pole 63Amp as desired by the Hitachi Audit Team complete including material, labour & fixing materials	each	5
55	Providing & fixing ELCB in Single pole 25Amp as desired by the Hitachi Audit Team complete including material, labour & fixing materials	each	2
(M)	PLUMBING AND DRAINAGE		
56	Plumbing: Dismantling of existing pipeline for water supply and sewer and Providing Plumbing Lines in Toilets of 20mm PPR pipes (ISI Mark) with UV layer & glass coating for external water supply & 16mm Polyethylene pack pipes for Internal water supply with elbows, bends & T"s limited to the building structure including connection with overhead tank and all required elbows, bends, floor traps, complete. Connecting the waste water/ Soil Pipe to the existing vertical sewer / New sewer line by replacing all internal sewer line including of trap, bend etc and complete after removing the existing pipes as per the drawing.	Sqm	25
57	Providing, and fixing CPVC PIPES of Astral or Supreme having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamps at 1M spacing. This includes jointing of pipes and fittings with one steps CPVC solvent cement and testing of joints complete as per direction. Concealed work including cutting the chases		
i)	20mm nominal outer dia pipe	RMT	25
ii)	25mm nominal outer dia pipe	RMT	25
iii)	40mm nominal outer dia pipe	RMT	25
58	Providing, fixing UPVC Pipes for drainage:(including fixing of required M.S. clamps ,bends and providing lead caulked joints to pipes and fittings complete).		
i)	40 mm dia soil pipe	RMT	2
ii)	75 mm dia soil pipe	RMT	5
iii)	110 mm dia soil pipe	RMT	25
59	Providing and fixing 110mm UPVC Nahani Trap.	Nos	5
60	Providing and fixing 125mm S.S. grating over Nahani Trap.	Nos	5

61	Providing & Fixing CPVC Ball Valve		
i)	20mm nominal outer dia pipe	Nos	2
ii)	25mm nominal outer dia pipe	Nos	2
iii)	40mm nominal outer dia pipe	Nos	2
62	Providing & fixing 200mm dia 10KG pressure pvc pipes (Prince, Supreme or equivalent) as vertical stag lines for additional rain waters to the existing terrace in the two shafts complete including labour, materials, fittings, transport and scaffolding	mtr	20
(N)	CHAIRS AND SOFA SETS		
63	Providing and Supplying of ergonomically designed fabric upholstered high back revolving chair for use of official's/meeting purposes. The Seat and Back Cushion of the chairs should be pressed on 12mm hot press moulded ply. The seat cushion of the chair should be made up of 50mm thick High Density of 45±2 Kg/m ³ polyurethane mould and back cushion should be made up of 38mm thick High Density 33±2 Kg/m ³ . The polyurethane foam shall be as per manufacturer's specification. The hardness of foam shall be 20 kg on hampden machine and 25% compression and it should be covered with fabric as per manufacturer's shade card. (Fabric colour shall be approved by concern official)	Nos	7
	The arms of the chairs should be black as per manufacturer specification. The Gas lift mechanism should be tested as per BIFMA X 05.01.2002 Standards. The tilting mechanism should be synchro-tilt mechanism as per international ergonomics standards any position locking. The pedestal should be five legged injection moulded in black 30% glass –filled nylon and fitted with 5 nos twin wheel castors. The castors of the chairs should be glass filled, twin wheel castors confirming to BIFMA Standards X 05.01.2002 tested to perform 1,00,000 cycles with 225 lbs Load. NOTE: The back and base of chair should be supplied with black polypropylene moulded covers. (Fabric colour shall be approved by concern official)Overall Height of chair should be minimum 1225 mm (Inclusive of maximum adjustment of gas lift mechanism) All material should be used of relevant ISI specification and as approved by the concerned officer.		
64	Specifications for use of official's/meeting purposes revolving chair: The Seat and Back Cushion of the chairs should be pressed on 12mm hot press moulded ply. The seat cushion of the chair should be made up of 50mm thick High Density of 45±2 Kg/m ³ polyurethane mould and back cushion should be made up of 38mm thick High Density 33±2 Kg/m ³ . The polyurethane foam shall be as per manufacturer's specification. The hardness of foam shall be 20 kg on hampden machine and 25% compression and it should be covered with fabric as per manufacturer's shade card. The arms of the chairs should be black .	Nos	21

	The Gas lift mechanism should be tested as per BIFMA X 05.01.2002 Standards. The pedestal should be five legged injection moulded in black 30% glass –filled nylon and fitted with 5 nos twin wheel castors. The castors of the chairs should be glass filled, twin wheel castors confirming to BIFMA Standards X 05.01.2002 tested to perform 1,00,000 cycles with 225 lbs Load. It should have synchro single point locking arrangement. Note –. The back and base of the chair should be supplied with fabric upholstered. (Fabric colour shall be approved by concern official) All material should be used of relevant ISI specification Overall Height of chair should be minimum 970 mm (Inclusive of maximum adjustment of gas lift mechanism) All material should be of high quality used of relevant ISI specification and as approved by the concerned officer.		
65	Supply of premium chair for computer tables with overall dimension (w) 49cm (D):63.0 cm (H): 81.5 cm and seat height (SH): 44-56 CM (adjustable). The seat/back shall be made up of 1.2 cm thick hot pressed plywood, upholstered with poly viscose fabric (67% polyester + 33% Viscose), (color and texture as decided) or polyester bearing the weight of 330 gm/mtr for a span of 1.2 meters. The seat and back shall be made up of molded Polyurethane Foamwith PVC lipping all round. The seat (SIZE: 49.0cm. (W) x 44.0cm. (D) Should have a water fall edge and back (SIZE: 50.0cm. (W) x 49.0cm. (H)Foam shall be designed with contoured lumbar support.	Nos	40
66	The one-piece armrests shall be made of black integral skin polyurethane with 50-70 “A” Hardness and reinforced with M.S. insert. The armrests shall be scratch and weather resistant. The armrests shall be fitted to the seat with seat/armrest connecting strip assembly made of 0.5cm. thk. HR steel. The center pivot mechanism shall be designed with features: 3600 revolving type. 17° maximum tilt on pivot at center. Tilt tension adjustment. Upright locking. The bellows is 3 piece telescopic type and injection molded in black Polypropylene. The base shall be in chrome (glossy) finish and fitted with 5 nos. twin wheel castors (castor wheel dia. 5.0cm.). The pedestal shall be of 65.0 cm. pitch center dia. (75.0 cm with castors) The twin wheel castors should be injection molded in black Nylon for trouble free movement.		
67	Specifications for lounge sofa sets: Supplying one, two and three seated sofa sets of specified size and dimension . Seat rest,Back rest and Side arms assembly consists of a fabricated inner frame assembly with moulded polyurethane foam having density = 45 ± 2 Kg./cm which provides strength as well as comfort to the sofa. The complete moulded backrest assembly is covered with a replaceable fabric upholstery cover. All material should be used of relevant ISI specification and as approved by the concerned officials.		
i)	Two seated sofa shall have overall size of 1400L x 740 D x 740 H mm	Nos	4
ii)	One seated sofa shall have overall size of 850L x 740 D x 740 H mm	Nos	2
iii)	Three seated sofa shall have overall size of 1800Lx740Dx740H mm	Nos	1
(O)	TABLES		

68	The centre table should be of premium quality. It should be 0.95 cm thick float glass with high Quality teak wood framing/MS ERU high quality chrome plated framing. Material should be used of relevant ISI specification and as approved by the concerned officer. Approx. Size shall be - 900mm(W)x 550mm(D)x 425 mm (H) (min) NOTE: The side table & centre table should be from the same model/alike.	Nos	1
69	Supply and placing in position centre table of the specification/size 1000mmX600mmX428mm with top panel thickness of 10mm thick toughened glass. The frame work/under structure of the table shall be of wooden frame. Glass top & bottom shelves shall be metal 1.2mm sheet cut froler design fixed with understructure complete as per manufacture"s specifications and as per direction of officer	Nos	1
70	The side table should be of premium quality. It should be 0.95 cm thick float glass with high Quality teak wood framing / MS ERU high quality chrome plated framing. Material should be used of relevant ISI specification and as approved by the concerned officer. Approx. Size shall be - 450mm (W)x 450mm(D)x 425 mm (H) (min) NOTE: The side table & centre table should be from the same model/alike.	Nos	4
71	Supplying and installation of modular computer work unit of minimum dimension 1200mm (W) x 600mm (D) x 760mm (H) with ample storage (drawer unit) provisions as per drawing & design, with a 50mm thick panel on either sides of total ht 2100mm. A variation of +/-150mm either side shall be tolerable as/availability of product in mentioned makes. The work station shall be made up of 19mm BWP block board (in different thicknesses as per requirement of the design) finished in machine pressed 1.0mm laminate color as decided by the client. The side and rear, 2100mm high partition panel of 50mm width, made up of multiple layers of 12mm / 19mm block board with outer finished paneling of laminate and tackable fabric as per the drawing provided. This partition member shall have in it a hollow space to run the Data and power cables, + space for recessed switch plate as per drawing provided, the said partition panels to have partly toughened glass verticals as design elements. The tack-able fabric shall be mounted on 12mm soft board including a set of trays with it. The color and texture of laminate, fabric etc. shall be a combination (asper the design or choice of the office in charge) as decided by buyer. The unit shall have a cabinets / drawers unit as per drawing provided. The drawers shall be supported on telescopic runners of hettich / ozone equivalent make. The lower portion shall have hinged shutter doors as per drawing, with spring loaded self closing hinges of hettich or equivalent make. All the drawers, cabinets shall have a tumbler locking mechanism classic furniture pad lock with steel/ nickel finish, of godrej / doorset / harison or equivalent make. All the handles shall be S.S brushed finish and to be as per approval by buyer/client . The flat exposed edges shall be sealed with 4mm thick teak wood lipping duly duco painted in matching colour to the laminate around. The unit shall be complete in all respect including making space & provisions for electrical agency	Nos	40

72	for laying of wiring (telephone, power, data and voice) in provided raceways and provisions for fixing of switch plates, switches, sockets etc. The complete unit shall be having wire managers, required accessories etc.		
73	Providing and fixing low height Cubical shaped Executive Work Station with approx height of 5ft and giving main work station approx size 1350 x600mm with side table unit approx size 900x450mm with ample storage provisions as per drawing & design, A variation of +/-150mm either side shall be tolerable as/availability of space. the entire unit to be in 19mm thick BWP block board pasted with 1.0mm thick designer laminate, all edges to be sealed with teak wood margin duly duco painted matching to the colour & finish of the adjoining laminate, the side enclosing partition to be in 50mm thickness clayed with 1.0mm thick designer laminate, all cable & wire managers to be provided along with required electrical points, switches & sockets, computer jacks & punches, etc. All required hardware with locks & handles and channels to be used, complete in all respects and ready to use.	Nos	3
74	Modular Pantry: Wooden Table with 1mm thickness laminated and .8 mm laminate inside with storage for small pantry with granite / stone top and overhead unit as per the design.	Sqm	1
75	Supplying and installation of Wooden Table of dimension Given below with ample storage (drawer unit) and with back unit/ side table as per the dimensions given below and provisions as per drawing & design. A variation of +/- 300mm either side shall be tolerable as/availability of Space. The Wooden Table shall be made up of 19mm block board (in different thicknesses as per requirement of the design) finished Vineer and melamine polish and as per the design provided by the Architect, color as decided by the client/ Architect. The unit shall have a cabinets / drawers unit as per drawing provided. The drawers shall be supported on telescopic runners of hettich / ozone equivalent make. The lower portion shall have hinged shutter doors as per drawing, with spring loaded self closing hinges of hettich or equivalent make. All the drawers, cabinets shall have a tumbler locking mechanism classic furniture pad lock with steel/ nickel finish, of godrej / doorset / harison or equivalent make. All the handles shall be S.S brushed finish and to be as per approval by buyer/ client . The flat exposed edges shall be sealed with 4mm thick teak wood lipping duly duco painted/ polish in matching colour to the laminate around. The unit shall be complete in all respect including making space & provisions for electrical agency for laying of wiring (telephone, power, data and voice) in provided raceways and provisions for fixing of switch plates, switches, sockets etc. The complete unit shall be having wire managers, required accessories etc.		
i)	Director Level Officer Cabin Table 2100(w)mmX750(d) mmX750(h)mm	Nos	1
ii)	Back Units provided & fixed in the cabins behind the officer tables would be paid separately and measured in square meter in the next item of wooden storage depending upon the their size & depth (3400mmx470mmx750mm)	Nos	1
iii)	Joining Table Cabin Area (1500x600x750mm)	Nos	1
	(a) Senior officer Room 1050 x 450	Nos	1
	(b) Low Height Cabins size 900 x 450	Nos	3

	WOODEN STORAGE UNITS		
76	Providing and fixing file / storage cabinets in sizes as per design or site requirements made up of BWP block board (of different thicknesses as/ design) finished in machine pressed laminate (colour / texture as per given specification / matching to the adjoining work stations / wood work. A variation of up to 50mm in either dimension shall be tolerable for getting the desired product in mentioned makes. The inside to be finished in 1mm thick laminate or matching to the exteriors. A-class teak wood 4mm lipping / 2mm thick taping shall be used as lipping etc. wherever required, to be polished to match same shade as laminate. Cabinets to be made as per drawing provided , with all necessary fittings and fixtures such as telescopic channels, hinges, magnetic catchers (hettich make) and handles (S.S. brushed finish) , proper locking mechanism, pad lock with steel/ nickel finish, of godrej/doorset / harison or equivalent make etc. all complete. The cabinet shall be mounted either on floor or wall using 6 - 12mm waterproof ply (duro or equivalent) as backing with wooden anchors (gitti) placed @ 300mm c/c on wall. The item shall include making good any holes, wire managers, + fixing on wall wherever required.		
i)	Having depth of up to 230mm	Sqm	5
ii)	Having Depth of up to 450mm	Sqm	30
	Having Depth of up to 600mm including modular stainless steel basket & fitting suitable for below counter kitchen / pantry cabinets for 5 th Floor Pantry	Sqm	20
(P)			
77	WOODEN PARTITIONS AND PANELLING		
i)	Providing and fixing in position Laminate / teak veneer ply paneling with appropriate and necessary dash fasteners to ensure stability. The paneling consists of 12mm commercial ply with 4mm th. teak MDF for grooving, all teak finish laminate / teak veneer to be finished in desired colour and all frame with one coat of primer and one coat of synthetic enamel paint complete in all respects as per detailed drawings and as directed by the concerned official.	Sqm	30
ii)	Providing & fixing double skinned fixed partitions wall with doors or openings wherever required fabricated out of 65mmx50mm Champ wood frame as horizontal & vertical sections @ 450mm c/c duly coated with wood primer to be fixed with wooden plugs, fixing 12mm thick water proof ply on both sides (duro / green or equivalent make) of the partition, finally fixing 1.0mm thick laminate on both sides of the partition with adhesive of approved brand providing 1mm thick groove at all joints or wherever required as per the drawings supplied and as per the instructions of the EIC. Double skin partition to be raised with Laminate finish and 6mm thick factory made toughened glass duly edge polished & finished with silicon filling and all required steel patch fittings if or wherever required to hold or join each panel, the surrounding area around all glass panes to be in 35mm x 15mm thick wooden sections clad with 12mm ply and finally finished in matching 1.0mm thick laminate complete with all required teak beadings.	Sqm	30

iii)	Providing & fixing designer wall panelling over 100mm boxing made out of Champwood frame and 12mm BWP ply, fixed with 8-10mm designer tiles in Armani Brown colour per design and directions of the Experts	sqm	20
(Q)	TOUGHENED GLASS		
78	Providing & fixing 4-6mm thick as the case may be designer coloured lacquered glass at various locations in ceiling and walls as per the drawing and design of the Project Lead Expert	sqm	5
(R)	DOORS AND WINDOWS		
79	Providing & fixing 12mm thick factory made toughened glass of saint gobain or equivalent make for fixed glass partitions and/or doors in all sizes & shapes with all required cuts & holes for stainless steel patch & lock fittings, spacers, duly edge polished and finished to use and complete in all respects including filing the gaps with silicon sealant for fixing patch fittings. Steel patch fittings, locks, handles and floor machines to be paid separately.	Sqm	20
	a) Double cylinder floor spring (heavy duty - 90kg)	Nos/Each	4
	b) Top patch fitting of Ozone / Dorma / Closma or equivalent make	Nos/Each	4
	c) Bottom patch fitting with strike plate of ozone/dorma/closma or equivalent/ identical quality make	Nos/Each	4
	d) Corner patch lock of ozone/ dorma / closma or equivalent make	Nos/Each	4
	e) H - type or D- type handle (25 x 300mm) of safex / closma or equivalent make	Nos/Each	4
80	Providing & fixing solar film frosted sparkle of lummar / 3M or equivalent make on toughened glass in approved design and pattern as per the drawing supplied or as per the instructions.	Sqm	25
81	Providing & fixing solar sun control film in brown / black /grey shade of Garware or equivalent make on toughened or plain glass as per the drawing supplied or as per the instructions of the EIC.	Sqm	10
82	Providing and Fixing 35mm thick BWP flush doors cladded and pasted with 1mm designer laminate on either sides with 38mmx4mm thick real wood margin on all sides fixed with new hinges, push button round locks in stainless steel finish and all other required hardwares viz door closer etc; all complete ready to use	Sqm	10
83	Providing and fixing of UPVC Sliding/fixed/casement window with all fitments. The window frame and window shutter will be manufactured using suitable UPVC sections as per the approved drawings by the Architect. The window will be with double oughened glass with Air Gap 6-10-6 fixed using rubber gasket. All hardware fittings will be of doorset or equivalent make.	Sqm	60
(S)	FIXTURES AND OTHER ITEMS		

84	Providing and fixing blinds of MAC make & approved shades with channels & operating system complete as per direction.		
	(a) Oaken Glow (officer cabins)	Sqm	60
85	Providing & pasting imported graphic / customised designer wall paper of 0.5mm thickness on existing walls including adhesive etc complete as per approved design by concerned officer.	Sqm	30
86	Providing & pasting textured / standard designer wall paper of 0.5mm thickness on existing walls including adhesive etc complete as per approved design by concerned officer.	Sqm	0
87	Providing & fixing automatic hand dryer of make Euronics / Aircare / or equivalent good quality make with speed upto 60M/S and minimum 1200 watts power in stainless steel body, complete as per the directions of the Officer/ officer in charge.	Nos	2
88	Providing & fixing of manual type tissue paper dispenser of Kimberley clark / Aircare or equivalent quality make in ABS body complete as per the directions of the Officer/officer incharge.	Nos	4
89	Providing & fixing manual push type soap dispenser of Kohler / Kimberley clark / Aircare / or equivalent quality make with capacity of 1000ml in ABS body complete as per the directions of the Officer or officer in charge.	Nos	4
90	Providing & fixing wall hung toilet with soft close seat and cover of size 560x365x355mm of Kohler / Jaguar or equivalent make complete as per the direction of the Officer in charge	Nos	4
91	Providing & fixing Lavatory in white colour wash basin of Kohler / Jaguar or equivalent make complete as per the direction of the Officer in charge	Nos	4
92	Providing & fixing PVC concealed cistern with plate 8857 fitting & fixture of Kohler / jaguar or equivalent make complete as per the direction of the Officer in charge	Nos	4
93	Providing & fixing hand shower (health faucet) with metal hose & holder in polish chrome of Kohler / jaguar or equivalent make complete as per the direction of the Officer in charge	Nos	4
94	Providing & fixing white vitreous wall hung urinal with concealed fitting of Kohler / jaguar or equivalent make with back inlet and valve outlet including fixing to wall suitable brackets all as per manufacturer specifications and as per the direction of the Officer in charge	Nos	4
95	Providing & fixing unplasticied PVC connection pipe with brass unions 60cm length and 20mm nominal bore as per the direction of the Officer in charge	each	12
96	Providing & fixing anti cockroach floor drain cardinetc complete as per the directions of the concerned officer in charge	Nos	10
97	Providing & fixing bottle trap of Kohler / Jaguar or equivalent make etc complete as per the directions.	Nos	4

98	Providing & fixing CP single lever Lavatory faucet or single hole single lever basin mixer with lever handle without drain of Kohler / Jaguar or equivalent make complete as per direction.	Nos	4
99	Providing & fixing CP brass toilet paper holder with flap etc of Kohler / jaguar / aircare or equivalent make complete as per the directions of the Officer in charge	Nos	4
100	Providing & fixing CP brass angular stop cork (angle valve) with flange for basin mixer / geyser point of Kohler / jaguar or equivalent make complete as per the directions of the Officer in charge	Nos	16
101	Providing & fixing Titan series modular toilet / restroom cubical partition in 12mm thick marino or equivalent make compact Laminate of overall height 2100mm (including a gap of 150mm from the ground) with door size 600mm having size as per drawing attached with all accessories like SS top rail, hinge, SS privacy thumb turn occupancy indicator, coat hook, door knob, SS adjustable legs, SS - U&F channel, SS door stopper channel, SS screws & inserts (SS grade 304 satin finish) rubber door stopper lining complete as per the directions of the Officer in charge	each	4
102	Providing & fixing 5mm thick looking mirror of superior quality (Modigaurd/AtulTuff/Saint Gobin make or equivalent quality) with 12mm thick commercial plywood in back of looking mirror and fixed to wooden cleats with C.P brass screws & washers complete with 50mm wide 2nd class teak wood ornamental beeding all around the mirror including polishing & fixing with teak wood plugs etc complete as per the directions.	sqm	4
103	Supply, Installation, Testing & commissioning (SITC) of up to 300mm plastic body fresh air fan in the existing opening i/c making the hole to suit the size of the above fan making good the damages connection, testing , commissioning etc. as reqd.	Each	6
104	SITC of ceiling fan, including wiring the down rods of standard length (upto 30 cm) fan sweep size 48" in plain white colour and plain standard design of standard brands like Crompton / Khaitan / Bajaj/ Usha or equivalent make as required.	Each	6
105	Providing & fixing geysers including labour, geyser and plumbing materials complete including transportation and lifting charges etc. (Crompton, Racold or equivalent)		
	25 Ltr	each	2
106	Providing & fixing R.O. system for water purification including labour, RO and plumbing materials complete including transportation and lifting charges etc. minimum capacity 20 Ltrs (Eureka or Kent or equivalent)	each	0
107	Providing & fixing Exhaust Fans / fresh air ventilation fans in toilets & kitchen areas (200mm or higher)	each	4
108	Providing & fixing wall fans in officer cabins in size 400mm sweep with oscilating function in white colour plastic body of Orient, Crompton or equivalent make (Standard Size)	each	2
(U)	VARIABLE REFRIGERANT FLOW SYSTEM		

i)	<u>Supply of Variable Refrigerant Flow System</u>		
109	Supply of Modular type outdoor units (make Hitachi/Mitsubishi/Toshiba only) equipped with highly efficient scroll / twin rotary compressors along with motor and drive arrangement, initial charge of refrigerant (R- 410A) and oil, initial refrigerant piping expansion valve (if any), drier, sight glass, high-low pressure cut-out, thermostatic control, supports for condenser unit etc. Air cooled condenser & its controller as described below of following actual capacities. ODU's have at least two compressors so as to have minimum half unit capacity running even in case of failure of one compressor. (make Hitachi or Mitsubishi Heavy Duty)		
(i)	38 HP Heat Pump Type- Top Discharge- 100 % INVERTER	Nos	1
(ii)	24 HP Heat Pump Type- Top Discharge- 100 % INVERTER	Nos	1
(V)	<u>INDOOR UNIT</u>		
110	Supply of Indoor units address setting and capacity as mentioned below. Multi-speed motor, coil section with DX coil, outer cabinet, drain pan mechanism insulation, pipe connections, etc of various capacities.		
(A)	4 way cassette with wired/corded remote		
i)	2.4HP	Nos	08
ii)	2.00HP	Nos	01
iii)	4.0 HP	Nos	10
(B)	Hi-Wall Type		
(i)	2.00HP	Nos	02
(iii)	Corded Remotes	Nos	19
(iv)	Cordless Remotes	Nos	2
(C)	Y-Joints	Nos	19
111	Supply, Installation , Testing and commissioning (duly certified through OEM) of Modular type outdoor units equipped with highly efficient scroll / twin rotary compressors along with motor and drive arrangement, initial charge of refrigerant (R-410A) and oil, initial refrigerant piping expansion valve (if any), drier, sight glass, high-low pressure cut-out, thermostatic control, supports for condenser unit etc. Air cooled condenser & its controller as described below of following actual capacities. ODU's have at least two compressors so as to have minimum half unit capacity running even in case of failure of one compressor.		
	Installation, Testing and Commissioning Outdoor Unit		
	24 HP	Nos	1
	38 HP	Nos	1
	<u>Indoor Units</u>		

112	Installation, testing and commissioning of INDOOR units, address setting and capacity as mentioned below. Multispeed motor, Coil, Outer Cabinet, drain pump mechanism , pipe connections and individually controlled louver setting for cassettes.		
(A)	Cassette Units		
ii)	2.4 HP	Nos	06
iii)	2.0 HP	Nos	01
iv)	4.0 HP	Nos	07
(B)	Hi-Wall Units		
i)	Wall Mounted Split Type : 2.0HP	Nos	02
iii)	Corded Remote	Nos	19
iv)	MS Stand for Outdoor Unit Mounting	Nos	02
113	Refrigerant Piping, Drain Piping and Cabling		
	Supply installation testing and commissioning of interconnecting refrigerant pipe work with (19mm/13 mm thick) closed cell elastomeric nitrile rubber tubular insulation between each set of indoor & outdoor units as per specifications, all piping inside the room shall be properly supported with hanger.		
i)	41.3 (with 19 mm Insulation)	RMT	170
ii)	34.9 (with 19 mm Insulation)	RMT	20
iii)	28.6 (with 19 mm Insulation)	RMT	95
iv)	22.2 (with 19 mm Insulation)	RMT	20
v)	19.1 (with 19 mm Insulation)	RMT	170
vi)	15.9 (with 19 mm Insulation)	RMT	95
vii)	12.7 (with 19 mm Insulation)	RMT	15
viii)	9.5 (with 13 mm Insulation)	RMT	15
ix)	6.4 (with 13 mm Insulation)	RMT	15
114	Cable Tray		
i)	Providing and fixing of GI cable tray with properly support complete with GI threaded.		
ii)	Cable Tray for copper piping (300 mm) without cover	RMT	40
iii)	Cable Tray for copper piping (150 mm) without cover	RMT	10
115	Supply, installation, testing & commissioning of Refnet Joints	Nos.	16
	Providing and fixing rigid PVC piping complete with fittings, supports as per specifications and duly insulated with 6 mm thick closed cell nitrile rubber insulation.		
i)	32 mm dia	RMT	120
ii)	40mm dia	RMT	18
116	Supply & fixing of control cum transmission wiring of Copper Conductor Cable along with Conduit for looping between indoor & outdoor VRF System & to main Centralremote controller system		
	2 C X 1.5 Sq mm	RMT	550

	Cassette Frames	Nos.	14
117	CCTV Supply, Installation, testing and Commissioning of Bullet Camera (04 Nos) - Fixed Lens Supply of 2 MP (night vision) with minimum following parameters or better to be connected with existing CCTV surveillance system all complete with necessary fitments like wires, mounting, conduits etc: Sony IMX323 1/2.7" CMOS Progressive Scan Sensor,1920 X 1080P, 3.6mm Fixed Lens, Color: 0.1Lux @ F1.2 (AGC OFF), B/W: 0 Lux @ (IR ON), H.264, M-JPEG compressions, 20 pcs. III-Gen.SMT IR LED,IR distance 5~30 meters, ONVIF Profile S, DWDR, Privacy Masking, PoE, Micro SD Card slot. Certification /Compliance - BIS, EN, CE, ROHS (Make Pelco /Bosch/Q-see/ Axis/ CBC/Panasonic and equivalent)	L.S.	1
118	Display Unit (qty 01) : Supply, Installation, Testing and Commissioning of Display 24 x 7 days with minimum following parameters or better :- Smart Screen Size 43 inch Screen Resolution 1,920 x 1,080 (FHD pixels HD Type (make Samsung, LG, Sharp or equivalent)	Nos	1
119	Providing & erecting a temporary structure by way of using Centering & shuttering (scaffolding) including strutting, propping etc. for the labour and workers to use for the purpose of proposed construction on the terrace of MMU building. The said structure to be safe & sturdy to take the load of workers and building materials to be transported from ground level to 3rd floor level. This temporary scaffolding staircase / structure to be kept erected for a period of 100days or till the proposed work gets completd as the workers and building materials would not be allowed to access the existing two staircases and lifts of the MMU building.	sqm	200
120	Providing & fixing Exterior Grade wall Tile of 1st quality conforming to IS:13755 in approved color laid on 20 mm thick cement mortar 1:4 (1cement:4 coarse sand) including providing 4-5 mm gap between two tile (if required) all around as per detail drawing etc. complete consider basic rate Rs 90/sft	Sqm	290
121	Waterproofing work on the terrace outside the gym area & open terrace of MMU hall at GF on the existing brick tile flooring all over with URP based material, brushing the surface with wire brush, two way coating with fibre mesh and then protection plaster complete including labour and material plus lifting charges up to the terrace	sqm	580
122	Removing the existing outdoor units of existing split air-conditioners installed on the terrace outside Fitness Centre/GyM as mentioned in the above item and then re-installing the same after the water proofing and tiling work gets completed.	each	20
123	Removing the existing outdoor 04 units of VRF central air-conditioners installed on MMU terrace and then re-installing the same after doing necessary civil work to create platform and extension of cables/referigerent pipes etc (approx 20 to 25 Rmtr) at different location as specified by the project consultant (all complete)	L.S.	1
124	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 mtr and lift up to 1.5 mtr (All kinds of soil)	sqm	500

125	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light parking etc of required strength, thickness and size/table vibratory method using PU mould, laid in pattern over 50mm thick compacted bed of sand, proper embedding/laying of inter locking paver blocks bedding layer through vibratory compaction by using filling the joints with sand and cutting of paver size and pattern, finishing and sweeping extra sand as per directions of the concerned official.		
(i)	80 mm thick C.C. paver block of M-30 grade with approved color design and pattern. (to be laid in approved multicolor pattern)	Sqm	300.00
126	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand (zone-III): 6 graded stone aggregate 40 mm nominal size)	cum	5.00
127	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) : 25 mm thick	Sqm	50.00
128	Supplying and stacking of good earth at site including royalty and carriage upto 5 km lead complete (earth measured in stacks will be reduced by 20% for payment).	cum	40
129	Supplying and stacking sludge at site including royalty and carriage upto 5 km lead complete (sludge measured in stacks will be reduced by 8% for payment).	cum	8
130	Grassing with selection No. 1/ Doob grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn, free from weeds and fit for mowing including supplying good earth, if needed (the grass and good earth shall be paid for separately). In rows 5 cm apart in both directions	sqm	15.55
131	Plantation of Trees, Shrubs, and Hedge at site i/c watering and removal of unserveiceable material's as per direction of officer in charge (excluding cast of plant & water) 2.57.1 Trees Plant Each 6.40 2.57.2 Shrubs Plant Each 3.20 2.57.3 Hedge Plant /Ground cover Each 2.15		
(i)	Shrubs Plant	Each	900
(ii)	Hedge Plant/Ground Cover	Each	1000
132	Providing and stacking of Alpinia Variegated (three in one) having ht. 30 cm and above, with fresh and healthy variegated foliage in 25 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	Each	200
133	Providing and stacking of Alternanthera species of height 15 cm to 20 cm, full of branches and foliage in 15 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	Each	200
134	Providing and stacking of Asparagus marrie, well developed 15 to 20 leaves, full of branches and foliage in 25 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	Each	200
135	Providing and stacking of Aspidistra, having 10 to 15 leaves well developed with fresh & healthy in 25 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	Each	200
136	Providing and stacking of Daniella variegated, with 3 to 4 variegated leaves in 20 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	Each	200
137	Providing and stacking of Euphorbia milli hybrid variety, having ht. 30 cm to 45 cm with multi branch, full bloom, fresh and healthy leaves in 30 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	Each	200
138	Providing and stacking of Juniperus prostrata with 5 to 6 lateral branches and green foliage in 20 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge	Each	200
139	Providing and stacking of Syngonium miniature dwarf, having height 30-45 cm. with 2-3 suckers healthy foliage in Earthen Pot/Plastic Pot of size 20 cm. as per direction of the officer-in-charge.	Each	200
140	Providing and stacking of Tradescantia zebrina having in 15 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	Each	300

9. Eligibility Criteria for Technical Bid:

To be eligible to participate in the said tender enquiry, the tenderer must fulfill the following technical requirements/criteria: -

9.1 The Bidder must have an established permanent setup (submit company profile/details indicating location/office address with proof).

9.2 Tender fees: No tender fee is payable.

9.3 **Bid Security Declaration (BSD)** : Bid Security Declaration in lieu of EMD is to be submitted as per given format. However, the bidding agencies having valid MSE registration or registered with the Central Purchase Organisation or the concerned Ministry or Department are exempted to deposit BSD.

9.4 Tender offers received without BSD shall be rejected straightway and will not be considered.

9.5 **Firm's Registration:** Bidder must be registered for Income tax/possession of PAN, GST, ESI& PF/EPF. (Attach supportive document viz copy of Regn).

9.6 The person signing the tender document on behalf of the agency, shall attach with the tender a proper Power of Attorney, duly executed, stating that he has the authority to bind in all the matters pertaining to the contract, including the arbitration clause.

9.7 The bidding firm/agency/company should be an Indian Firm/Agency/Company of Indian origin having been incorporated/in existence for the minimum period of five years as on date of tender document. (attach supportive documentary proof indicating existence date).

9.8 The bidding establishments should be a registered with CPWD/PWD/MES/Railways/Govt organisation under composite category having permanent office set up in Delhi/New Delhi (i) having authorisation to undertake project/work of the stipulated value as per norms applicable. (attach supporting document as proof).

9.9 The bidding firm/agency/company must have successfully done/completed in any of the government departments/organizations works/services during the past seven years ending last date of month previous to the one in which bids are invited with the following criteria: -

(i) Three composite works of Rs.1.15 crore (At least two works should be composite building works like temp LGSF based construction/pmt construction, all electrical, air-conditioning, audio/visual, furniture and fixtures etc excluding maintenance work)

Or

(ii) Two Composite Works (as stated above) costing Rs.1.42 crore or more.

Or

(iii) One Composite Work (as stated above) of Rs.2.27 crore or more.

(Attach copies of work order along with work completion satisfactorily in support).

- 9.10 The agency and its associated subsidiaries should not have been blacklisted by any agency or involved in any pending government investigation directly for corruption or unfair trade practices etc (**Separate undertaking to be submitted by the bidder**).
- 9.11 Vendors should have MOU/authorisation back up with a principal technology partner (OEM – Original Equipment Manufacturer/authorised distributors/dealers) for Mitsubishi Heavy Industry/Hitachi/Toshiba brands VRF Air Conditioning System with capacity of min 25 tons or more who covers up all technological part are only eligible to participate.
- 9.12 The average annual turnover of the bidder should be **Rs.1.40 Crore** for the last three financial years viz 2017-18, 2018-19 & 2019-20, duly certified by a Chartered Accountant (CA).

Desirable Criteria

- 9.13 The bidding agency/firm/company having valid ISO certification will be given preference.
- 9.14 The bidding firm with MSME registration will also be an added advantage and given preference in selection.**

Part-III

Standard condition of RFP - May be referred for standard terms of RFP

The Bidder is required to give confirmation of their acceptance of the Standard Conditions of the Request for Proposal mentioned below which will automatically be considered as part of the Contract/Work order concluded with the successful Bidder (i.e. contractor/contractor in the contract), as selected by the FSSAI. Failure to do so may result in rejection of the Bid submitted by the Bidder.

1. **Law:** The Contract shall be considered and governed by and interpreted in accordance with the laws of the Republic of India.
2. **Effective Date of the Contract:** The contract shall come into effect on the date of signatures of both the parties on the work order/award of work (Effective Date) and shall remain valid until the completion of the obligations of the parties under the contract. The deliveries and supplies and performance of the services shall commence from the effective date of the contract. The work/services to be completed in 110 days' time which will be calculated from the effective date of contract.
3. **Arbitration:** All disputes or differences arising out of or in connection with the Contract shall be settled by bilateral discussions. Any dispute, disagreement or question arising out of or relating to the Contract or relating to construction or performance, which cannot be settled amicably, may be resolved through arbitration. Appointment of Arbitrator shall be made by mutual consent, failing which Arbitrator shall be appointed under Arbitration Act/Min of Law & Justice.
4. **Penalty for use of Undue influence:** The Contractor undertakes that he has not given, offered or promised to give, directly or indirectly, any gift, consideration, reward, commission, fees, brokerage or inducement to any person in service of the FSSAI or otherwise in procuring the Contracts or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the present Contract or any other Contract with the Government of India for showing or forbearing to show favour or disfavour to any person in relation to the present Contract or any

other Contract with the Government of India. Any breach of the aforesaid undertaking by the Contractor or any one employed by him or acting on his behalf (whether with or without the knowledge of the Contractor) or the commission of any offence by the Contractor or anyone employed by him or acting on his behalf, as defined in Chapter IX of the Indian Penal Code, 1860 or the Prevention of Corruption Act, 1986 or any other Act enacted for the prevention of corruption shall entitle the FSSAI to cancel the contract and all or any other contracts with the Contractor and recover from the Contractor the amount of any loss arising from such cancellation. The decision of the FSSAI or his nominee to the effect that a breach of the undertaking had been committed shall be final and binding on the Contractor. Giving or offering of any gift, bribe or inducement or any attempt at any such act on behalf of the Contractor towards any officer/employee of the FSSAI or to any other person in a position to influence any officer/employee of the FSSAI for showing any favour in relation to this or any other contract, shall render the Contractor to such liability/ penalty as the FSSAI may deem proper, including but not limited to termination of the contract, imposition of penal damages, forfeiture of the Bank Guarantee and refund of the amounts paid by the FSSAI.

5. **Agents / Agency Commission:** The Contractor confirms and declares to FSSAI that the Contractor has not engaged any individual or firm, whether Indian or foreign whatsoever, to intercede, facilitate or in any way to recommend to the award of the contract to the Contractor; nor has any amount been paid, promised or intended to be paid to any such individual or firm in respect of any such intercession, facilitation or recommendation. The Contractor agrees that if it is established at any time to the satisfaction of the FSSAI that the present declaration is in any way incorrect or if at a later stage it is discovered by the FSSAI that the Contractor has engaged any such individual/firm, and paid or intended to pay any amount, gift, reward, fees, commission or consideration to such person, party, firm or institution, whether before or after the signing of this contract, the Contractor will be liable to refund that amount to the FSSAI.

6. **Access to Books of Accounts:** In case it is found to the satisfaction of the FSSAI that the Contractor has engaged an Agent or paid commission or influenced any person to obtain the contract as described in clauses relating to Agents/Agency Commission and penalty for use of undue influence, the Contractor, on a specific request of the FSSAI, shall provide necessary information/ inspection of the relevant financial documents/information.

7. **Non-disclosure of Contract documents:** Except with the written consent of the FSSAI/ Contractor, other party shall not disclose the contract or any provision, specification, plan, design, pattern, sample or information thereof to any third party.

8. **Liquidated Damages:** In the event of the Contractor's failure to submit the Bonds, Guarantees and Documents, supply the stores/goods, installation of equipment, training, etc as specified in this contract, the FSSAI may, at his discretion, withhold any payment until the completion of the contract. The FSSAI may also deduct from the CONTRACTOR as agreed, liquidated damages to the sum of 0.5% of the contract price of the delayed/undelivered stores/services mentioned above for every week of delay or part of a week, subject to the maximum value of the Liquidated Damages being not higher than 10% of the value of delayed stores.

9. **Termination of Contract:** The FSSAI shall have the right to terminate this Contract in part or in full in any of the following cases: -

- (a) The delivery of the material or required works and services is/are delayed for causes not attributable to Force Majeure for more than one week after the scheduled delivery/work/services.

(b) The Contractor is declared bankrupt or becomes insolvent.

(c) The FSSAI has noticed that the selected agency/Contractor has utilised the services of any Indian/Foreign agent in getting this contract and paid any commission to such individual/company etc.

(d) There is undue & wilful delay in supply of required material for the work resulting delay in completion of the work by the expected schedule as agreed upon.

(e) As per decision of the Arbitration Tribunal.

(f) Non-compliance of applicable statutory obligations, as per law of land by contractor/selected firm.

10. **Notices:** Any notice required or permitted by the contract shall be written in the Hindi or English languages and may be delivered personally or may be sent by registered pre-paid mail/airmail/e-mail, addressed to the last known address of the party to whom it is sent.

11. **Transfer and Sub-letting:** The Contractor has no right to give, bargain, sell, assign or sublet or otherwise dispose of the Contract or any part thereof, as well as to give or to let a third party take benefit or advantage of the present Contract or any part thereof.

12. **Patents and other Industrial Property Rights:** The prices stated in the present Contract shall be deemed to include all amounts payable for the use of patents, copyrights, registered charges, trademarks and payments for any other industrial property rights. The Contractor shall indemnify the FSSAI against all claims from a third party at any time on account of the infringement of any or all the rights mentioned in the previous paragraphs, whether such claims arise in respect of manufacture or use. The Contractor shall be responsible for the completion of the supplies including spares, tools, technical literature and training aggregates irrespective of the fact of infringement of the supplies, irrespective of the fact of infringement of any or all the rights mentioned above.

13. **Amendments:** No provision of present Contract shall be changed or modified in any way (including this provision) either in whole or in part except by an instrument in writing made after the date of this Contract and signed on behalf of both the parties and which expressly states to amend the present Contract.

14. **Taxes and Duties** : Applicable tax viz GST will be paid as applicable provided the bidders have mentioned for it. In case nothing is mentioned, it will be presumed that the rates are inclusive of applicable tax. All bidders are to adhere to the existing GST provisions and any other tax related to law of land. Financial bid should clearly mention GST.

Part IV – Special Conditions of RFP

The Bidder is required to give confirmation of their acceptance of Special Conditions of the RFP mentioned below which will automatically be considered as part of the Contract concluded with the successful Bidder (i.e. Contractor in the Contract) as selected by the FSSAI. Failure to do so may result in rejection of Bid submitted by the Bidder.

1. **Performance Guarantee:** The Bidder will be required to furnish a Performance Guarantee by way of Bank Guarantee through a public or a private sector bank authorized to conduct government business (ICICI Bank Ltd., Axis Bank Ltd or HDFC Bank Ltd.) for a sum equal to 3% of the contract value within 5 days of receipt of the confirmed order. Performance Bank Guarantee (PBG) should be valid up to minimum 60 days beyond the date of completion of all contractual obligations including defect liability/warranty period. PBG may also be furnished in the form of a Bank Draft/Bankers' Cheque or Fixed Deposit Receipt if the successful bidder wishes to. The specimen of PBG is given in Annexure-6 attached to this RFP. The Performance Bank Guarantee shall be considered open upon receipt by the FSSAI's Bank. In case any claims or any other contract obligations are outstanding, the selected contractor will extend the Performance Bank Guarantee as asked for by the FSSAI till such time as the Contractor settles all claims and completes all contract obligations. The Performance Bank Guarantee will be subject to encashment by the FSSAI and shall be refunded after successful discharging of all obligations relating to the contract. In case the conditions regarding adherence to delivery schedule, settlement of claims and other provisions of the contract are not fulfilled by the Contractor, the same would be adjusted from the available PBG. The selected agency shall also submit an Indemnity Bond on Rs.100/- e-stamp paper giving minimum one year free comprehensive guarantee for maintenance and minor repairs for all the proposed works as mentioned in the tender document.

2. **Terms of Payment**

The payment to the selected Contractor will be made as per following schedule: -

- | | | |
|-----|-------------------------------------|--|
| (a) | 30% Advance of total cost | - against submission of Bank Guarantee/FDR/DD of equivalent amount in favour of Sr Accounts Officer, FSSAI. This will be in addition to the performance security. The same will be released after satisfactorily completion of 30% work. |
| (b) | Further 20% Advance of total cost - | After completion of 60% work and subject to satisfaction of Head(GA) and Asstt Dir (GA) and duly certified by empanelled lead experts. |
| (c) | Balance/Final 50% payment | - After satisfactory completion of entire works and Supply/installation and commissioning of all items as per RFP and removal of all malba/leftovers etc from site and submission of Indemnity Bond on Rs.100/- e-stamp paper |

towards guarantee for all purpose for one year for the work done and items supplied.

3. Paying Authority:

(a) Paying Authority will be Accounts Division, FSSAI, 3rd Floor, FDA Bhavan, New Delhi-110 002. The payment of bills will be made on submission of the following documents by the selected Contractor along with the bill:

- (i) Ink-signed copy of bill/Invoice
- (ii) Copy of Supply Order/Contract
- (iii) Job Completion Certificate
- (iv) Performance Bank guarantee
- (v) Details for electronic payment viz Account holder's name, Bank name, Branch name and address, Account type, Account number, IFSC code, MICR code
- (vi) Indemnity Bond (on Rs.100 e-stamp paper)

4. **The selected agency is to bear the cost of Water and Electricity consumed during currency of contract/execution of work either on actual consumption basis, in case feasibility of separate electricity sub meter at site or as decided by FSSAI in lump sum. For water charges 1% of the total cost of work (excluding tax component i.e. GST). In case the water supply is self-arranged by the agency, the same will not be charged.**

5. Force Majeure clause

a. Neither party shall bear responsibility for the complete or partial non-performance of any of its obligations (except for failure to pay any sum which has become due on account of receipt of goods under the provisions of the present contract), if the non-performance results from such Force Majeure circumstances such as Flood, Fire, Earth Quake and other acts of God as well as War, Military operations, blockade, Acts or Actions of State Authorities or any other circumstances beyond the control of parties that have arisen after the conclusion of the present contract. This would also include Pandemic situation/lock down imposed.

b. In such circumstances the time stipulated for the performance of an obligation under the present contract is extended correspondingly for the period of time of action of these circumstances and their consequences.

c. The party for which it becomes impossible to meet obligations under this contract due to Force Majeure conditions, is to notify in written form the other party of the beginning and cessation of the above circumstances immediately, but in any case not later than 10 (Ten) days from the moment of their beginning.

d. If the impossibility of complete or partial performance of an obligation lasts for more than the prescribed time frame of the exhibition, either party hereto reserves the right to terminate the contract totally or partially upon giving prior written notice to the other party of the intention to terminate without any liability other than reimbursement on the terms provided in the agreement for the goods/services received.

6. Penalty Clause

The selected agency would be required to meet standard for all the works & services set by the FSSAI. Any breach of timelines or failure to carry out any work as per quality & quantity requirements will result in imposition of penalty equivalent to maximum 10% of the total agreed price of the contract and taking action under clause 1 of part IV relating to encashment & forfeiture of Performance Guarantee. FSSAI reserves the right to get the allied works/services done by any other agency at the risk and cost of the selected bidder. Further in case of delay in work/services beyond reasonable and acceptable reasons/circumstances, damages equivalent to 0.50% of the total cost for each week of such delay shall be recovered. The decision of FSSAI in this regard will be final.

Other Conditions/Guidelines

7. Miscellaneous jobs/works to be carried out during the currency of contract: -

- (a) All the material used for temp construction for creation of vertical structure for usage of FSSAI shall be of international standard and safe to use.
- (b) All electrical cables/connectors/switchboards panel, switches, sockets, telephone/fax/Internet lines will be of ISI or as per the good quality specifications/norms of well renowned makes such as Havel's, Roma Modular, Anchor or equivalent and their laying will be completely covered, safe and tamper proof to avoid any chance for short-circuit/accident etc.
- (c) The routine Upkeep and Clean-up of the complete infrastructure while carrying out the construction work/renovation work shall be carried out every morning and evening so as to avoid any spreading of waste material/items/empties and construction material etc.
- (d) The Cleaning Process will be carried out by using the mechanical/electrical devices by the experienced staff and manual means should be engaged during the construction period by the selected agency.
- (e) If the performance of the selected Agency is not found satisfactory during the validity of the contract, FSSAI reserves the right to cancel the contract unilaterally at any stage and no claim of damage etc from the selected Agency will be entertained or admissible.
- (f) The actual date of commencement of work will be reckoned from the date of signing of the Agreement/acceptance of work order and all the assigned work will be completed in 110 days.
- (g) The Selected Agency would indemnify FSSAI against any loss of property or life or any kind accident, fire etc during the execution of the contract.
- (h) The bidder shall include for the provision of all labour, materials, tools, supplies, equipment, services, facilities, supervision, administration, works contract tax, licenses, permits, insurances, bonds and any other tax/levy as may be applicable, incidentals and all other things necessary to perform and incidental to the performance of the work in strict accordance with the contract documents to the satisfaction of the Architect/ Consultants and Owner i.e. FSSAI.

Statutory Conditions of the Contract (Applicable in case of Successful Bidder)

1. The contractor shall be responsible for all commissions and omissions on part of work force engaged for the purpose of execution of work. The FSSAI shall not be responsible in any manner whatsoever, in matter of injury/death/health etc. of the contractor's employees deployed for performing the job under the award.
2. The contractor shall be solely responsible to comply with all statutory security requirements in respect of manpower engaged and FSSAI shall not be a party to any dispute arising out of such deployment by the contractor.
3. The work force deployed by the contractor under this contract shall be the employee of the contractor and in no circumstance shall have any claim of employment with the FSSAI.
 - (i) All the material used for temp construction for creation of vertical structure for usage of FSSAI shall be of international standard and safe to use.
 - (ii) All electrical cables/connectors/switchboards panel, switches, sockets, telephone/fax/Internet lines will be of ISI or as per the good quality specifications/norms of well renowned makes such as Havel's, Roma Modular, Anchor or equivalent and their laying will be completely covered, safe and tamper proof to avoid any chance for short-circuit/accident etc.
 - (iii) The routine Upkeep and Clean-up of the complete infrastructure while carrying out the construction work/renovation work shall be carried out every morning and evening so as to avoid any spreading of waste material/items/empties and construction material etc.
 - (iv) The Cleaning Process will be carried out by using the mechanical/electrical devices by the experienced staff and manual means should be engaged during the construction period by the selected agency.
 - (v) If the performance of the selected Agency is not found satisfactory during the validity of the contract, FSSAI reserves the right to cancel the contract unilaterally at any stage and no claim of damage etc from the selected Agency will be entertained or admissible.
 - (vi) The actual date of commencement of work will be reckoned from the date of signing of the Agreement/acceptance of work order and all the assigned work will be completed in 110 days.
 - (vii) The Selected Agency would indemnify FSSAI against any loss of property or life or any kind accident, fire etc during the execution of the contract.
 - (viii) The bidder shall include for the provision of all labour, materials, tools, supplies, equipment, services, facilities, supervision, administration, works contract tax, licenses, permits, insurances, bonds and any other tax/levy as may be applicable, incidentals and all other things necessary to perform and incidental to the performance of the work in strict accordance with the contract documents to the satisfaction of the Architect/ Consultants and Owner i.e. FSSAI.
4. **Affidavit.** An affidavit (on e-stamp paper of Rs. 10/-) is required to be submitted by the successful bidder regarding the fact that the persons employed by the contractor for the outsourcing in relation to the conduct of the proposed work/services be the employees of the bidder for all the intents and purposes and, in no case shall be a relationship of employer-employee between the said

persons and the FSSAI shall accrue implicitly and explicitly and the bidder shall also be solely responsible for providing all the statutory benefit to the personnel employed by it. The affidavit should also contain a declaration that bidder shall make payment of compensation under the Workmen's Compensation Act-1923, Industrial Dispute Act-1947, Minimum Wages Act-1936, 1948 or any other applicable Acts or Enactments in case of injury or death of any of its workers while at work or otherwise due to contractor's directions/any other job. The affidavit should also contain a declaration that the bidder shall take care all other statutory liabilities & obligations as well in the most sincere manner and shall solely be responsible for the same.

Part V – Evaluation Criteria & Price Bid issues

1. Evaluation Criteria

- (a) Only those Bids will be evaluated which are found to be fulfilling the eligibility and qualifying requirements of the RFP.
- (b) The technical bids be supported by documentary proof of technically qualifying laid down criteria. For commercial bids, the offers should be restricted to only commercial/price aspects. The rates per unit as per items/qty mentioned in Price Bid Format and the total cost for the entire work scope as mentioned in RFP be quoted as per directive format attached.
- (c) The Lowest Bid will be decided upon the lowest price quoted by the particular bidder as per the Commercial/Price Bid Performa Annexed to this Tender enquiry/RFP. *The ultimate cost to the FSSAI would be the deciding factor for ranking of bids.* All columns/guidelines of the Commercial/Price Bids shall be filled in by the bidder and no column should be left blank. However, FSSAI at its discretion may segregate the price for supply and installation of lifts from other price of the bid and decide the same separately, if considered appropriate.
- (d) The Bidders are also required to spell out the rates of each and every item, services and applicable GST or any other applicable levy/tax etc in unambiguous terms; otherwise their offers will be loaded with the maximum rates of taxes for the purpose of comparison of prices. In the absence of any such stipulation it will be presumed that the prices quoted are firm and fixed and no claim on account of such taxes will be entertained after the opening of tenders. If a Bidder chooses to quote a price inclusive of any duty/tax and does not confirm inclusive of such duty/tax so included is firm and final, he should clearly indicate the rate of such duty/tax and quantum of such duty/tax included in the price. In the absence of any tax indication about tax inclusive or extra, it will be presumed that the prices are inclusive of applicable taxes/duties.
- (e) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price will prevail and the total price will be corrected. If there is a discrepancy between words and figures, the amount in words will prevail for calculation of price.
- (f) The Lowest Acceptable Bid will be considered further for placement of contract / Supply Order after complete clarification and price negotiations as decided by the FSSAI. The FSSAI will have the right to award contracts to different Bidders for being lowest in particular items. The FSSAI also reserves the right to do Apportionment of Quantity, if it

is convinced that Lowest Bidder is not in a position to supply full quantity in stipulated time.

2. Bid documents may be submitted in the agency's letter head/Covering letter containing the following documents: -

Annexure – 1	:	Tender Form and Bid Security Declaration (BSD)
Annexure – 2	:	Bidder's profile
Annexure – 3	:	Financial Status
Annexure – 4	:	Letter of authority
Annexure – 5	:	Financial Bid
Annexure – 6	:	Performance Security (Bank Guarantee)
Annexure – 7	:	Check List for Bidders

3. With a view to assist the prospective bidders in formulation of their quotes, the following are enclosed: -

- (a) Layout of Floor Plan indicating location for the proposed construction, space/area etc to be carried out etc. ... Appendix-A
- (b) Price Bid Format ... Annexure - 5
- (c) Tender Form, Bidders' Profile, BSD, Financial Status, Letter of Authority, Performance Guarantee/Security Format and Checklist Annexures-I to Annexure VII

Director (General Administration)
Food Safety and Standards Authority of India

Encls: Appendix-A & Annexures 1 to 7

Tender Form

To,

The Dir (GA)
Food Safety and Standard Authority of India
Ministry of Health & Family Welfare,
FDA Bhawan, Kotla Road,
New Delhi-110002

Ref. Your Tender No. _____
dated _____

We, the undersigned have examined the above Tender Document, No. _____, dated _____ (if any), for carrying out the work relating to creation of furnished office structure with complete interiors, supply of furniture & fixtures, air-conditioning system audio visual and other misc & civil work at terrace of MMU/Dental Council Building premises, New Delhi-110 002 in conformity with your above referred document.

If our Tender is accepted, we undertake to perform the services as mentioned above.

We agree to keep our tender valid for acceptance as required in the Tender document or for subsequently extended period, if any agreed to by us. We also accordingly confirm to abide by this Tender up to the aforesaid period and this Tender may be accepted any time before the expiry of the aforesaid period. We further confirm that, until a formal contract is executed, this Tender read with your written acceptance thereof within the aforesaid period shall constitute a binding contract between us.

We further understand that you are not bound to accept the lowest or any tender you may receive against your above-referred Tender enquiry.

We confirm that we do not stand deregistered/banned/blacklisted by any Central/State Government Departments/offices.

Brief of court/legal cases pending, if any, are following:

We confirm that we fully agree to the terms and conditions specified in above mentioned Tender documents, including amendment/ corrigendum if any.

(Signature with date)

(Name and designation) Duly authorised to sign Tender for and on behalf of bidder with
company seal

BID SECURITY DECLARATION

No.....

Date.....

To

Director (GA) (hereinafter called "The Owner")
FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA

Ref.: Tender No., dated

I, have been authorized by M/s to furnish the bid for your tender for Supply, Installation and Commissioning of Electrical Items and I am aware that the firm will be suspended by 10 years if I withdraw/modify the bid or if I fail to sign and honor the contract as per the tender documents.

Stamp & Sign of Bidder

Annexure - 2

BIDDER'S PROFILE:

1.	Name of firm:	
2.	Bidder's name	
3.	Registered office address	
4.	Correspondence address	
5.	Telephone: Office – Residence Mobile No.	
6.	E-mail address & website	
7.	Tele-fax Number	
8.	VAT No.	
9.	PAN Number	
10.	STRUCTURE AND ORGANIZATION The applicant is (a) an individual (b) a proprietary firm (c) a firm in partnership (d) a Limited Company or Corporation. (Please attach attested copies of documents of registration / incorporation of your firm)	

I / We hereby declare that the information furnished above is true and correct.

Place:

Date:

Signature of Bidder / Authorized signatory
Name of the Bidder

(Seal of the Bidder)

BIDDER'S PROFILE:

1.	Name of firm:	
2.	Bidder's name	
3.	Registered office address	
4.	Correspondence address	
5.	Telephone: Office – Residence Mobile No.	
6.	E-mail address & website	
7.	Tele-fax Number	
8.	GST No.	
9.	PAN Number	
10.	<p>STRUCTURE AND ORGANIZATION</p> <p>The applicant is</p> <p>(a) an individual</p> <p>(b) a proprietary firm</p> <p>(c) a firm in partnership</p> <p>(d) a Limited Company or Corporation.</p> <p>(Please attach attested copies of documents of registration / incorporation of your firm)</p>	

I / We hereby declare that the information furnished above is true and correct.

Place:

Date:

Signature of Bidder / Authorized signatory

Name of the Bidder

(Seal of the Bidder)

FINANCIAL STATUS**Name of the Bidder**

Description	Financial Years		
	2017-18	2018-19	2019-20
Annual Turnover			
Net Worth			
Current Assets			
Current Liabilities			
Total Revenues			
Profit Before Tax			
Profit After Tax			

1. Attach the copies of financial statements, duly certified, including all related notes and income statement for the last three Financial Years as indicated above complying with the following conditions.
2. All such documents reflect the financial situation of the bidder and not sister or parent companies.

SIGNATURE OF THE BIDDER WITH SEAL AND DATE

LETTER OF AUTHORITY

PROFORMA FOR LETTER OF AUTHORITY FOR ATTENDING MEETING.

No.

Date:

Director (GA),
FDA Bhawan, 3rd floor,
Kotla Road,
New Delhi-110002

Dear Sir,

We _____ hereby authorize following representative(s) to attend Technical bid opening & Price bid opening and for any other correspondence and communication against above Bid Document:

- 1) Name & Designation _____ Signature
- 2) Name & Designation _____ Signature

We confirm that we shall be bound by all commitments made by aforementioned authorised representatives.

Yours faithfully,

Signature

Name & Designation

For and on behalf of

Note: This letter of authority should be issued by the bidder in writing & duly signed by a person competent and having the power of attorney to bind the bidder. Not more than two persons are permitted to attend Techno –commercial un-priced and Price bid opening.

Price-Bid

INVITING BIDS FOR CREATION OF FURNISHED OFFICE STRUCTURE WITH COMPLETE INTERIORS, FURNITURE & FIXTURES, AIRCONDITIONING SYSTEM, OTHER MISC & CIVIL WORK AT TERRACE, MMU BUILDING, KOTLA ROAD, NEW DELHI – 110 002

(Refer to Scope/description of works/goods (in quantity) as mentioned in Part-II of tender Notice).

S.No.	Items/Description	Unit	Qty	Unit Rate (in Rs.)	Total Amount (in Rs.)
(A)	<u>Super Structure for temp construction on terrace</u> : Designing, fabricating, supplying & erection at site (Roof top level i.e. upto 20 mtr height) of pre-engineered / prefabricated light weight single storey without staircase steel structure as follows:	Sqm	240.00		
	The structure shall consist of works as under:-				
	Structural Framework:- Fabrication and supply of the walls panels, roof trusses joists shall be all made up of roll-formed cold rolled lipped “C” steel sections of width 89mm or 150 mm made out sheet thickness ranging from 0.75mm to 1.20 mm with Zinc/Galvalume coating of 275GSM and steel yield strength of 550MPa i/c portal frame made of HR steel if required to accommodate large rooms including the base plate anchor bolts etc.				
	Purlin:- GI hot section/ Galvalume “C” section				
	Runner: Cold rolled lipped “C” steel sections shall be provided @ interval of 750 mm c/c for hanging of lights / false ceiling .				
	Roofing:- Metal profile PPGL 0.5mm TCT in colours as approved				
	Roof Insulation:- 16kg/m ³ , 100mm thk Fiber glass roof insulation				
	External Wall Cladding: - 12mm thick Heavy Duty Fiber cement boards of exterior grade Building Paper – Breather Foil on external face of LGSF wall. Internal wall cladding: - 12 mm thick Normal fiber cement boards upto bottom of truss/joist, However the clear height of bottom of truss/joist shall not be less than 3.0 mtr from floor level. Internal Wall Lining – 12.5mm thk Gypsum Plaster board with necessary fixing with necessary screws and finishing with jointing compound and jointing tape etc.				
	Wall Insulation: - 100mm thick mineral wool 48kg/m ³ density. Suitable sun shades made out of 0.50 mm PPGL sheets				

	will be provided to all external windows and doors not covered under veranda. The minimum projection for the sun shade shall be 450 mm and 300 mm wider than the width of the opening.				
	Gutter and down take pipe:- Valley Gutter and down take pipe as per Architectural and as per actual requirements				
	Finishing:- Ready to paint surface for interior & exterior including Jointing & a coat of cement primer				
	Soffit and Eaves or equivalent Lining :- External Soffit and Eaves Lining with Fibre cement Boards.				
	All civil work upto plinth level/Roof top level where the prefabricated structure to be erected shall be paid separately as per requirement & site conditions. The work shall be executed as per drawing enclosed.				
	(The outside dimensions in plan of the light gauge metal frame shall be measured for working out the area payable under this item. However, cut-out/opening shall be deducted from the above measured areas. Nothing extra shall be paid for roof projections/ sunshades, or height.)				
	(Note: Split up of components of this item is not permitted, all relevant works/items shall be of specialized LGSF original manufacturer preferably make Everest or equivalent)				
	The above work include removal / shifting of all services existing on the relevant area as per the instruction of officer – in –charge,				
1	The structure shall consist of works as under:-				
(B)	STRUCTURAL WORK				
2	Supply and Erection of Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	2000.00		
(C)	DISMANTLING WORK				
3	Demolishing of Brick Work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 meters lead as per direction of concerned official.	Cum	20.00		
4	Dismantling tile work i.e. demolishing/chipping of existing stone/tiles from floors and roofs manually/by mechanical means including stacking material within 50 Mtrs lead for thickness of tiles 10mm to 25mm and removal of unserviceable material at site as per direction	Sqm	250.00		
5	Removal of debris from site and shifting to appropriate location as per the local authority regulations.	Cum	30.00		

6	Dismantling/Demolishing of all existing RCC work by automated mechanical means including stacking of steel bars and disposal of unserviceable material as per direction of concerned officer-in-charge.	cum	1.000		
(D)	CC & RCC Work				
7	Providing and laying in position Cement Concrete of specified grade excluding the cost of centering and shuttering. All work upto plinth level : 1:4:8 (1cement : 4coarse sand (zone-III) : 8 graded stone aggregate 40mm nominal size)	Cum	18.00		
8	Providing & laying Reinforced cement concrete 1:1.5:3 (1cement : 1.5coarse sand : 3graded stone aggregate 12- 20mm nominal size and coarse sand) excluding the cost of centering and shuttering for all floors.	Cum	3.00		
9	Centering and shuttering: Approved Marine plywood or 3mm thick steel plate shuttering and centering for structural concrete work in locations called for including strutting, propping, bracing, bolting, wedging, casing, striking, removal etc. complete for any size, section, thickness. Props shall consist of well designed steel pipes adequately braced. The item to include centering and shuttering at all heights and levels for columns, Lintels, beams, plinth beams, griders, bressumers & cantilevers, slabs etc.	Sqm	50.00		
10	Reinforcement for R.C.C. Work including straightening, cutting, bending, placing in position and binding all complete Cold Twisted Bars of grade FE-500D	Kg	950.00		
(E)	Masonry Work				
11	Brick work with bricks of class designation 75 in Super structure in cement mortar 1:6 (1cement:6 coarse sand of zone-II) at all heights and levels.	Cum	10.00		
12	Half brick masonry with bricks of class designation 75 in super structure above plinth level in cement mortar 1:4 (1cement :4 coarse sand of zone-II)	Sqm	20.00		
13	Extra for providing and placing in position 2 Nos. 6mm dia M.S. bars at every third coarse of half brick masonry (with F.P.S. bricks).	Sqm	20.00		
(F)	BRICK BAT COBA WATERPROOFING				

14	Providing on top of slab surface cement slurry mixed with water proofing compound thereafter providing cement mortar 1:4 (1 cement : 4 coarse sand) 20mm thick with polymer based water proofing compound and layer of new half broken bricks (coba) giving gaps of 15-20mm between broken bricks, providing necessary gradient for proper flow of water and providing cement slurry with water proofing compound spread over brick bat coba in cement mortar 1:4 (1 cement : 4 coarse sand) with water proofing compound filled in gaps of broken bricks and 20mm plaster in cement mortar 1:4 (1 cement : 4 coarse sand) mixed with polymer based water proofing compound, top finished smooth with neat cement and providing rope chequers including extending the water proof plaster 300mm on vertical surfaces with necessary chasing / treating of walls including providing and making gola as per drawing etc. Average thickness of the brick bat coba to be avg. 125mm include providing and making khurrahs 450mm x 450mm with average minimum thickness of 50mm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) finished with aluminum foil and 12mm cement plaster 1:3 (1 cement : 3 coarse sand). (Plan area will be measured and paid) Khurrahs (25 Nos or so and as per site requirement).	Sqm	10.00		
15	Providing and laying integral cement based treatment for water proofing on horizontal surface at all level structures as directed and consisting of :- (i) Ist layer of 22 mm to 25 mm thick approved and specified rough stone slab over a 25 mm thick base of cement mortar 1:3 (1 cement : 3 coarse sand) mixed with water proofing compound conforming to IS:2645 in the recommended proportion over the leveling course (leveling course to be paid separately). Joints sealed and grouted with cement slurry mixed with water proofing compound. (ii) 2nd layer of 25 mm thick cement mortar 1:3 (1 cement: 3 coarse sand) mixed with water proofing compound in ecommended proportions. (iii) Finishing top with stone aggregate of 6 mm to 10 mm nominal size spreading @ 8 cudm/sqm thoroughly embedded in the 2nd layer USING KOTA STONE	sqm	20.00		
(G)	CIVIL WORK				
16	Excavation of Base Work/ Brick bat coba on terrace & back filling of available excavated area with demolition of any RCC/Brick wall.	Sqm	20.00		
17	Providing RCC Plinth beam of 150 x 230mm with nominal reinforcement of 8mm TMT bars & M20 concrete inckuding shuttering for fixing of LGSF wall by means of anchor fastener.	Cum	20.00		

18	Providing & laying in position cement concrete in floor 1:3:6 (1 Cement: 3 Corase Sand : 6 Graded Stone Aggregate 20mm Nominal size) 75mm thick. With Water Proofing	Cum	2.00		
19	Plinth beam edge Protection of average 50mm thick 1:5:10 and 300mm in width (Sloping from 3 inches to 1 inch)	Cum	4.00		
20	12 to 15mm cement plaster of mix ; 1:5(1cement :5 fine sand of zone-IV) including galvanized chicken wire mesh (24 gauge 12 mm size) to junctions of concrete and masonry work and other locations including cutting to required sizes, side laps of minimum 75 mm and fixing in position with galvanized iron wire nails, complete.	Sqm	25.00		
21	Dismantling of the existing toilet at terrace and Civil construction of store/toilets area on terrace floor level for toilet,, raising brick walls on plinth beams over existing terrace after removing existing water proofing & brick tiles flooring, laying I-section & T-irons in 75x75x10mm with agra stone slabs and then laying RCC in 75mm average thickness with water proofing on top, inside & outside plaster, PCC under floor etc including partition wall with plaster.	Sqm	20.000		
22	Providing & laying PCC in average 75mm thickness to raise the floor level by 350mm and to conceal the existing exposed water supply lines on terrace after filling the concerned area with light weight foam concrete blocks to make the passage walkable between the pantry, toilets and AC plant on the terrace	Sqm	5		
22A	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes	kg	1000		
(H)	TILES / STONE / MARBLE WORK				
23	Flooring (Dry Area): Floor tiles and skirting (100 mm height) in general & dry areas shall be of Vitrified Tiles in different sizes 800x800mm / 1200 x 1800 mm / 1200x 1200 mm of approved color with water absorption less than 0.08% and conforming to IS:15622 laid on a bed of 20mm thick cement mortar 1:3 (1Cement:3 Coarse sand) finished with a flush/spacer pointing in tile grout with matching epoxy including preparation of surface, cleaning etc complete. (Kajaria/Somany/Nitco or equivalent make)	Sqm	240.00		
24	Flooring (Wet Area): Toilet area - Minimum 7 mm thick antiskid tiles of Kajaria/Somany/NITCO/ make approved equivalent of approved colour & quality. (Average Base Price – Rs. 100/Sqft including design and border on total area) (Kajaria/Somany/Nitco or equivalent make)	Sqm	40.00		

25	Wall Tiling (Toilet and Pantry Area): Providing and Fixing rectified Glazed Ceramic Tiles of 300x450mm or 300x300mm as available up to height of 2100mm in toilets shall be used for Dado/ wall tiles, of approved colour and Kajaria make, fixed on the wall with the help of adequate adhesive, finishing, cleaning etc complete. Joints to be finished with tile grout with matching pigment etc. Complete (Average Base Price – Rs. 80/Sqft including design, border and glass strip etc on total area) (Kajaria/Somany/Nitco or equivalent make)	Sqm	100.00		
26	Water Proofing (Toilet wall area): Water proofing with plastomeric modified APP polymer membrane reinforced with non-woven fibre in Toilet areas upto 7ft height.	Sqm	70		
27	Providing & fixing 18mm thick mirror polished, machine cut granite (as per sample approved by the Architect) in flooring and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4(1cement:4 coarse sand) with joints treated with cement, mixed with matching pigment including curing etc. complete Base price of granite to be 200/sft)	Sqm	20		
28	Providing & fixing Exterior Grade floor Tile of 1st quality conforming to IS:13755 in approved color and round pattern laid on 20 mm thick cement mortar 1:4 (1cement:4 coarse sand) including providing 4-5 mm gap between two tile all around as per detail drawing etc. complete consider basic rate Rs 150/sft (for rounder patterns)	Sqm	50		
29	Providing & fixing Broken Tile Mosaic on Wall in approved color & pattern laid on 20 mm thick cement mortar 1:4 (1cement:4 coarse sand) including providing 4-5 mm gap between two tile all around as per detail drawing etc. complete. consider basic rate Rs 80/sft	Sqm	40		
30	Providing edge moulding to 18mm thick gang saw cut granite for pantry platform, vanity counter, window sills, facias, and similar location of required size, including rubbing, moulding& polisging to edges to give high gloss finish etc complete at all levels	metre	50		
(I)	WOODEN FLOORING				
31	Providing & Fixing 8mm thick water proof MDF over heavy duty polythene sheet to avoid moisture/damages to the carpet tile flooring	sqm	20		
32	Providing & fixing Prelaminate wooden flooring With high resistance towards scratches / cigrate Burns, furniture legs in high abbreasion resistance, HPL laminate surface layer, HDF core material & Compact sound block underlay in thickness upto 9mm plank size upto 1195 x 200mm in Pergo /Kronotex or equivalent make in natural touch or Matte finish AC-5 grade as per direction of officer in charge.	Sqm	20		
(J)	PAINTING				

33	Providing and applying wall putty of approved make and quality over plastered surface to prepare the surface even and smooth for the wall paper using material of approved make all complete. (Birla putty)	Sqm	800		
34	Internal Wall Paint : Providing & applying 2 or more coats of Plastic Emulsion paint including a coat of primer (Asian Royale or equivalent).	Sqm	800		
35	External Wall Paint : Providing & applying 2 coat of Exterior weather coat with sealant and cement primer coat on external surface of fiber cement boards. (make Asian Apex Ultima)	Sqm	300		
36	Providing and applying exterior Textured finish wall coating compact finish on external walls i/c coat of sealer and two coats of primer on plastered surface as per manufacturers specification and approved shade including scaffolding wetting and curing etc. complete all level.	Sqm	20		
37	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture (Asian, ICI or equivalent)	Sqm	50		
(K)	FALSE CEILING				
38	False Ceiling : Providing and fixing tiled false ceiling of approved 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 24x24x0.3mm and laying also ceiling tiles of approved texture in the grid including, required utting/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, 4mm GI adjustable rods with galvanized 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 the concerned incharge. GI Metal Ceiling Lay in plain Tegular edge Global white color tiles of size 595x595	Sqm	10		

	mm, and 0.5 mm thick with 8 mm drop; made of GI sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.				
39	Providing 20mm thick plaster of paris (gypsum anhydrous) ceiling up to height of 5m above floor level including coves & moulding as per sample approved consisting of frame work made of special sections power pressed from MS sheet with galvanized coating consisting of ceiling angle hanger of 20x20x0.5mm thick of required length 1 and fixed to ceiling with dash fastener and other end with hanging arrangement G.I channels 45x25x0.9mm, 5 nos member running to which ceiling section 0.5mm thick bottom rail of 80mm with tapered flange of 26mm each fixed with self-taping screws running in a direction perpendicular to G.I channel fixed with self-taping screws @ 400c/c and perimeter angle 20x20x0.5mm fixed to wall with rawl plugs @ 900mm c/c. Providing & fixing stainless steel grade 304 wire gauge with wire of dia 0.5mm mesh fixed to wedge shaped ceiling section i/c cutting & making smooth surface with scaffolding etc. including Cove and design etc to accommodate the designer light / profile light etc all complete as per directions of Officer in charge	Sqm	230		
40	Designer False ceiling made out of Wooden frame suspended from the trusses / Ceiling, BWP ply in 18mm thickness pasted with 3mm MDF for grooves and finally finished with 1mm thick designer laminate / glass / other designer items complete as per the directions of the officer concerned.	sqm	20		
41	POP punning plaster on walls to give an even & smooth finish average 15mm	Sqm	100		
(L)	ELECTRICAL WORK				
42	Electricals: Providing electrical work comprising of PVC Conducing, Point / Power wiring, including CAT-6 cabling of D-Link Make, EPBAX, CCTV, LAN & Networking and for Office Automation, HUB common connector, cabling from Router to workstations and cabins an (Havells FRLS or equivalent), Modular Switches, Sockets with boxes (Northwest or Norises or Legrand or equivalent) & respective cover plate. All the wiring shall be terminated at server room / DVR/ Panel room etc as per the design and detail. (All other fittings & fixtures in concerned officials" scope) as per given specifications and amended upto date.	Sqm	250		

43	Supply, Installation, Testing and Commissioning (SITC) of Garden Bollard decorative luminaire Light with 1x 7 watt LED lamp on the existing foundation i/c S/F of 1 No 7 W LED lamp i/c connection with 1.5 Sqmm FRLS PVC insulated ,copper conductor ,single core cable etc as reqd	Each	2		
44	SITC of 15 watt LED type Down Lighter fitting direct in the fall ceiling (Recessed) type i/c testing commissioning and connection etc complete as required (Phillips/wipro/Max or equivalent make) up to 150mm in size whether round or square as per design	Each	100		
45	SITC of essential LED tube Fitting 4' 20w/840 T8 1nd 1200 on surface or cove i/c connection etc as required (Philips/Wipro/Max or equivalent make) of 18 watt LED tube fitted with CFL or LED bulbs as per design.	Each	40		
46	LED Wall Bracket Lights (Weather Proof)	Nos	4		
47	Providing & fixing Designer profile lights completely customized to the size and designs provided by the Project Architect in required colour & specifications and including the cost of light fixture, cost of customization, fixing materials, labour, transport and lifting & handling charges (30Watt/50mm/6500K/ recessed)				
(i)	50 mm wide in Designer shape for office / Work station	mtr	100		
48	Providing & fixing upto 3 watt LED lights for Niches and wall panelling to be used as wall washers as directed by the Project Architect in required colour & shade preferably in Phillips, Wipro, Syska or equivalent make	each	10		
49	Providing & fixing upto 3/6 watt LED strip lights for vertical Niches and wall panelling to be used as wall washers as directed by the Project Architect in required colour & shade preferably in Phillips, or equivalent make	mtr	20		
50	Supplying, installation, testing and commissioning of necessary MCB's B/ C series & minimum 10kA breaking capacity, RCCB's, isolator etc. in existing distribution boards including dressing, ferruling, thumbing of wires etc. complete as per specifications and details as follows:	Nos	3		
	4 WAY TPN DB				
	INCOMER :				
	1 no. 40A, FP MCB/ RCCB				
	Outgoings				
	12 Nos. 6A/10A/16A/20A/25A SP MCB's, as specified in drawings.				
51	Providing & fixing Electrical LT panel including labour, boxing in heavy gauge with powder coating fitted with all required Switch gears and other electrical materials complete including transportation and lifting charges etc.	each	1		

52	Providing & fixing Electrical cables including labour, with all required electrical materials complete including transportation and lifting charges etc. in Havells Make and required specifications				
i)	4/10 copper armoured	mtr	100		
ii)	4/16 copper armoured	mtr	100		
iii)	4/185 aluminium armoured	mtr	70		
53	Providing & fixing ELCB in 4 pole 63Amp as desired by the Hitachi Audit Team complete including material, labour & fixing materials	each	2		
54	Providing & fixing TPN in 4 pole 63Amp as desired by the Hitachi Audit Team complete including material, labour & fixing materials	each	5		
55	Providing & fixing ELCB in Single pole 25Amp as desired by the Hitachi Audit Team complete including material, labour & fixing materials	each	2		
(M)	PLUMBING AND DRAINAGE				
56	Plumbing: Dismantling of existing pipeline for water supply and sewer and Providing Plumbing Lines in Toilets of 20mm PPR pipes (ISI Mark) with UV layer & glass coating for external water supply & 16mm Polyethylene pack pipes for Internal water supply with elbows, bends & T's limited to the building structure including connection with overhead tank and all required elbows, bends, floor traps, complete. Connecting the waste water/ Soil Pipe to the existing vertical sewer / New sewer line by replacing all internal sewer line including of trap, bend etc and complete after removing the existing pipes as per the drawing.	Sqm	25		
57	Providing, and fixing CPVC PIPES of Astral or Supreme having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamps at 1M spacing. This includes jointing of pipes and fittings with one steps CPVC solvent cement and testing of joints complete as per direction. Concealed work including cutting the chases				
i)	20mm nominal outer dia pipe	RMT	25		
ii)	25mm nominal outer dia pipe	RMT	25		
iii)	40mm nominal outer dia pipe	RMT	25		
58	Providing, fixing UPVC Pipes for drainage:(including fixing of required M.S. clamps ,bends and providing lead caulked joints to pipes and fittings complete).				
i)	40 mm dia soil pipe	RMT	2		
ii)	75 mm dia soil pipe	RMT	5		
iii)	110 mm dia soil pipe	RMT	25		
59	Providing and fixing 110mm UPVC Nahani Trap.	Nos	5		

60	Providing and fixing 125mm S.S. grating over Nahani Trap.	Nos	5		
61	Providing & Fixing CPVC Ball Valve				
i)	20mm nominal outer dia pipe	Nos	2		
ii)	25mm nominal outer dia pipe	Nos	2		
iii)	40mm nominal outer dia pipe	Nos	2		
62	Providing & fixing 200mm dia 10KG pressure pvc pipes (Prince, Supreme or equivalent) as vertical stag lines for additional rain waters to the existing terrace in the two shafts complete including labour, materials, fittings, transport and skaffolding	mtr	20		
(N)	CHAIRS AND SOFA SETS				
63	Providing and Supplying of ergonomically designed fabric upholstered high back revolving chair for use of official's/meeting purposes. The Seat and Back Cushion of the chairs should be pressed on 12mm hot press moulded ply. The seat cushion of the chair should be made up of 50mm thick High Density of 45±2 Kg/m ³ polyurethane mould and back cushion should be made up of 38mm thick High Density 33±2 Kg/m ³ . The polyurethane foam shall be as per manufacturer's specification. The hardness of foam shall be 20 kg on hampden machine and 25% compression and it should be covered with fabric as per manufacturer's shade card. (Fabric colour shall be approved by concern official)	Nos	7		
	The arms of the chairs should be black as per manufacturer specification. The Gas lift mechanism should be tested as per BIFMA X 05.01.2002 Standards. The tilting mechanism should be synchro-tilt mechanism as per international ergonomics standards any position locking. The pedestal should be five legged injection moulded in black 30% glass –filled nylon and fitted with 5 nos twin wheel castors. The castors of the chairs should be glass filled, twin wheel castors confirming to BIFMA Standards X 05.01.2002 tested to perform 1,00,000 cycles with 225 lbs Load. NOTE:The back and base of chair should be supplied with black polypropylene moulded covers. (Fabric colour shall be approved by concern official)Overall Height of chair should be minimum 1225 mm (Inclusive of maximum adjustment of gas lift mechanism) All material should be used of relevant ISI specification and as approved by the concerned officer.				

64	<p>Specifications for use of official's/meeting purposes revolving chair: The Seat and Back Cushion of the chairs should be pressed on 12mm hot press moulded ply. The seat cushion of the chair should be made up of 50mm thick High Density of 45±2 Kg/m³ polyurethane mould and back cushion should be made up of 38mm thick High Density 33±2 Kg/m³. The polyurethane foam shall be as per manufacturer's specification. The hardness of foam shall be 20 kg on Hampden machine and 25% compression and it should be covered with fabric as per manufacturer's shade card. The arms of the chairs should be black .</p>	Nos	21		
	<p>The Gas lift mechanism should be tested as per BIFMA X 05.01.2002 Standards. The pedestal should be five legged injection moulded in black 30% glass –filled nylon and fitted with 5 nos twin wheel castors. The castors of the chairs should be glass filled, twin wheel castors confirming to BIFMA Standards X 05.01.2002 tested to perform 1,00,000 cycles with 225 lbs Load. It should have synchro single point locking arrangement. Note –. The back and base of the chair should be supplied with fabric upholstered. (Fabric colour shall be approved by concern official) All material should be used of relevant ISI specification Overall Height of chair should be minimum 970 mm (Inclusive of maximum adjustment of gas lift mechanism) All material should be of high quality used of relevant ISI specification and as approved by the concerned officer.</p>				
65	<p>Supply of premium chair for computer tables with overall dimension (w) 49cm (D):63.0 cm (H): 81.5 cm and seat height (SH): 44-56 CM (adjustable). The seat/back shall be made up of 1.2 cm thick hot pressed plywood, upholstered with poly viscose fabric (67% polyester + 33% Viscose), (color and texture as decided) or polyester bearing the weight of 330 gm/mtr for a span of 1.2 meters. The seat and back shall be made up of molded Polyurethane Foam with PVC lipping all round. The seat (SIZE: 49.0cm. (W) x 44.0cm. (D) Should have a water fall edge and back (SIZE: 50.0cm. (W) x 49.0cm. (H)Foam shall be designed with contoured lumbar support.</p>	Nos	40		

66	The one-piece armrests shall be made of black integral skin polyurethane with 50-70 "A" Hardness and reinforced with M.S. insert. The armrests shall be scratch and weather resistant. The armrests shall be fitted to the seat with seat/armrest connecting strip assembly made of 0.5cm. thk. HR steel. The center pivot mechanism shall be designed with features: 3600 revolving type. 17° maximum tilt on pivot at center. Tilt tension adjustment. Upright locking. The bellows is 3 piece telescopic type and injection molded in black Polypropylene. The base shall be in chrome (glossy) finish and fitted with 5 nos. twin wheel castors (castor wheel dia. 5.0cm.). The pedestal shall be of 65.0 cm. pitch center dia. (75.0 cm with castors) The twin wheel castors should be injection molded in black Nylon for trouble free movement.				
67	Specifications for lounge sofa sets: Supplying one, two and three seated sofa sets of specified size and dimension . Seat rest,Back rest and Side arms assembly consists of a fabricated inner frame assembly with moulded polyurethane foam having density = 45 ± 2 Kg./cm which provides strength as well as comfort to the sofa. The complete moulded backrest assembly is covered with a replaceable fabric upholstery cover. All material should be used of relevant ISI specification and as approved by the concerned officials.				
i)	Two seated sofa shall have overall size of 1400L x 740 D x 740 H mm	Nos	4		
ii)	One seated sofa shall have overall size of 850L x 740 D x 740 H mm	Nos	2		
iii)	Three seated sofa shall have overall size of 1800Lx740Dx740H mm	Nos	1		
(O)	TABLES				
68	The centre table should be of premium quality. It should be 0.95 cm thick float glass with high Quality teak wood framing/MS ERU high quality chrome plated framing. Material should be used of relevant ISI specification and as approved by the concerned officer. Approx. Size shall be - 900mm(W)x 550mm(D)x 425 mm (H) (min) NOTE: The side table & centretable should be from the same model/alike.	Nos	1		
69	Supply and placing in position centre table of the specification/size 1000mmX600mmX428mm with top panel thickness of 10mm thick toughened glass. The frame work/under structure of the table shall be of wooden frame. Glass top & bottom shelves shall be metal 1.2mm sheet cut froler design fixed with understructure complete as per manufacture"s specifications and as per direction of officer	Nos	1		

70	The side table should be of premium quality. It should be 0.95 cm thick float glass with high Quality teak wood framing / MS ERU high quality chrome plated framing. Material should be used of relevant ISI specification and as approved by the concerned officer. Approx. Size shall be - 450mm (W)x 450mm(D)x 425 mm (H) (min) NOTE: The side table & centre table should be from the same model/alike.	Nos	4		
71	Supplying and installation of modular computer work unit of minimum dimension 1200mm (W) x 600mm (D) x 760mm (H) with ample storage (drawer unit) provisions as per drawing & design, with a 50mm thick panel on either sides of total ht 2100mm. A variation of +/-150mm either side shall be tolerable as availability of product in mentioned makes. The work station shall be made up of 19mm BWP block board (in different thicknesses as per requirement of the design) finished in machine pressed 1.0mm laminate color as decided by the client. The side and rear, 2100mm high partition panel of 50mm width, made up of multiple layers of 12mm / 19mm block board with outer finished paneling of laminate and tackable fabric as per the drawing provided. This partition member shall have in it a hollow space to run the Data and power cables, + space for recessed switch plate as per drawing provided, the said partition panels to have partly toughened glass verticals as design elements. The tack-able fabric shall be mounted on 12mm soft board including a set of trays with it. The color and texture of laminate, fabric etc. shall be a combination (as per the design or choice of the office in charge) as decided by buyer. The unit shall have a cabinets / drawers unit as per drawing provided. The drawers shall be supported on telescopic runners of hettich / ozone equivalent make. The lower portion shall have hinged shutter doors as per drawing, with spring loaded self closing hinges of hettich or equivalent make. All the drawers, cabinets shall have a tumbler locking mechanism classic furniture pad lock with steel/ nickel finish, of godrej / doorset / harison or equivalent make. All the handles shall be S.S brushed finish and to be as per approval by buyer/ client . The flat exposed edges shall be sealed with 4mm thick teak wood lipping duly duco painted in matching colour to the laminate around. The unit shall be complete in all respect including making space & provisions for electrical agency	Nos	40		
72	for laying of wiring (telephone, power, data and voice) in provided raceways and provisions for fixing of switch plates, switches, sockets etc. The complete unit shall be having wire managers, required accessories etc.				

73	Providing and fixing low height Cubical shaped Executive Work Station with approx height of 5ft and giving main work station approx size 1350 x600mm with side table unit approx size 900x450mm with ample storage provisions as per drawing & design, A variation of +/-150mm either side shall be tolerable as/availability of space. the entire unit to be in 19mm thick BWP block board pasted with 1.0mm thick designer laminate, all edges to be sealed with teak wood margin duly duco painted matching to the colour & finish of the adjoining laminate, the side enclosing partition to be in 50mm thickness clayed with 1.0mm thick designer laminate, all cable & wire managers to be provided along with required electrical points, switches & sockets, computer jacks & punches, etc. All required hardware with locks & handles and channels to be used, complete in all respects and ready to use.	Nos	3		
74	Modular Pantry: Wooden Table with 1mm thickness laminated and .8 mm laminate inside with storage for small pantry with granite / stone top and overhead unit as per the design.	Sqm	1		
75	Supplying and installation of Wooden Table of dimension Given below with ample storage (drawer unit) and with back unit/ side table as per the dimensions given below and provisions as per drawing & design. A variation of +/- 300mm either side shall be tolerable as/availability of Space. The Wooden Table shall be made up of 19mm block board (in different thicknesses as per requirement of the design) finished Vineer and melamine polish and as per the design provided by the Architect, color as decided by the client/ Architect. The unit shall have a cabinets / drawers unit as per drawing provided. The drawers shall be supported on telescopic runners of hettich / ozone equivalent make. The lower portion shall have hinged shutter doors as per drawing, with spring loaded self closing hinges of hettich or equivalent make. All the drawers, cabinets shall have a tumbler locking mechanism classic furniture pad lock with steel/ nickel finish, of godrej / doorset / harison or equivalent make. All the handles shall be S.S brushed finish and to be as per approval by buyer/ client . The flat exposed edges shall be sealed with 4mm thick teak wood lipping duly duco painted/ polish in matching colour to the laminate around. The unit shall be complete in all respect including making space & provisions for electrical agency for laying of wiring (telephone, power, data and voice) in provided raceways and provisions for fixing of switch plates, switches, sockets etc. The complete unit shall be having wire managers, required accessories etc.				
i)	Director Level Officer Cabin Table 2100(w)mmX750(d) mmX750(h)mm	Nos	1		

ii)	Back Units provided & fixed in the cabins behind the officer tables would be paid separately and measured in square meter in the next item of wooden storage depending upon their size & depth (3400mmx470mmx750mm)	Nos	1		
iii)	Joining Table Cabin Area (1500x600x750mm)	Nos	1		
	(a) Senior officer Room 1050 x 450	Nos	1		
	(b) Low Height Cabins size 900 x 450	Nos	3		
	WOODEN STORAGE UNITS				
76	Providing and fixing file / storage cabinets in sizes as per design or site requirements made up of BWP block board (of different thicknesses as/ design) finished in machine pressed laminate (colour / texture as per given specification / matching to the adjoining work stations / wood work. A variation of up to 50mm in either dimension shall be tolerable for getting the desired product in mentioned makes. The inside to be finished in 1mm thick laminate or matching to the exteriors. A-class teak wood 4mm lipping / 2mm thick taping shall be used as lipping etc. wherever required, to be polished to match same shade as laminate. Cabinets to be made as per drawing provided , with all necessary fittings and fixtures such as telescopic channels, hinges, magnetic catchers (hettich make) and handles (S.S. brushed finish) , proper locking mechanism, pad lock with steel/ nickel finish, of godrej/doorset / harison or equivalent make etc. all complete. The cabinet shall be mounted either on floor or wall using 6 - 12mm waterproof ply (duro or equivalent) as backing with wooden anchors (gitti) placed @ 300mm c/c on wall. The item shall include making good any holes, wire managers, + fixing on wall wherever required.				
i)	Having depth of up to 230mm	Sqm	5		
ii)	Having Depth of up to 450mm	Sqm	30		
	Having Depth of up to 600mm including modular stainless steel basket & fitting suitable for below counter kitchen / pantry cabinets for 5 th Floor Pantry	Sqm	20		
(P)					
77	WOODEN PARTITIONS AND PANELLING				
i)	Providing and fixing in position Laminate / teak veneer ply paneling with appropriate and necessary dash fasteners to ensure stability. The paneling consists of 12mm commercial ply with 4mm th. teak MDF for grooving, all teak finish laminate / teak veneer to be finished in desired colour and all frame with one coat of primer and one coat of synthetic enamel paint complete in all respects asper detailed drawings and as directed by the concerned official.	Sqm	30		

ii)	Providing & fixing double skinned fixed partitions wall with doors or openings wherever required fabricated out of 65mmx50mm Champ wood frame as horizontal & vertical sections @ 450mm c/c duly coated with wood primer to be fixed with wooden plugs, fixing 12mm thick water proof ply on both sides (duro / green or equivalent make) of the partition, finally fixing 1.0mm thick laminate on both sides of the partition with adhesive of approved brand providing 1mm thick groove at all joints or wherever required as per the drawings supplied and as per the instructions of the EIC. Double skin partition to be raised with Laminate finish and 6mm thick factory made toughened glass duly edge polished & finished with silicon filling and all required steel patch fittings if or wherever required to hold or join each panel, the surrounding area around all glass panes to be in 35mm x 15mm thick wooden sections clad with 12mm ply and finally finished in matching 1.0mm thick laminate complete with all required teak beadings.	Sqm	30		
iii)	Providing & fixing designer wall panelling over 100mm boxing made out of Champwood frame and 12mm BWP ply, fixed with 8-10mm designer tiles in Armani Brown colour per design and directions of the Experts	sqm	20		
(Q)	TOUGHENED GLASS				
78	Providing & fixing 4-6mm thick as the case may be designer coloured lacquered glass at various locations in ceiling and walls as per the drawing and design of the Project Lead Expert	sqm	5		
(R)	DOORS AND WINDOWS				
79	Providing & fixing 12mm thick factory made toughened glass of saint gobain or equivalent make for fixed glass partitions and/or doors in all sizes & shapes with all required cuts & holes for stainless steel patch & lock fittings, spacers, duly edge polished and finished to use and complete in all respects including filing the gaps with silicon sealant for fixing patch fittings. Steel patch fittings, locks, handles and floor machines to be paid separately.	Sqm	20		
	a) Double cylinder floor spring (heavy duty - 90kg)	Nos/Each	4		
	b) Top patch fitting of Ozone / Dorma / Closma or equivalent make	Nos/Each	4		
	c) Bottom patch fitting with strike plate of ozone/dorma/closma or equivalent/ identical quality make	Nos/Each	4		
	d) Corner patch lock of ozone/ dorma / closma or equivalent make	Nos/Each	4		
	e) H - type or D- type handle (25 x 300mm) of safex / closma or equivalent make	Nos/Each	4		

80	Providing & fixing solar film frosted sparkle of lummar / 3M or equivalent make on toughened glass in approved design and pattern as per the drawing supplied or as per the instructions.	Sqm	25		
81	Providing & fixing solar sun control film in brown / black /grey shade of Garware or equivalent make on toughened or plain glass as per the drawing supplied or as per the instructions of the EIC.	Sqm	10		
82	Providing and Fixing 35mm thick BWP flush doors cladded and pasted with 1mm designer laminate on either sides with 38mmx4mm thick real wood margin on all sides fixed with new hinges, push button round locks in stainless steel finish and all other required hardwares viz door closer etc; all complete ready to use	Sqm	10		
83	Providing and fixing of UPVC Sliding/fixed/casement window with all fitments. The window frame and window shutter will be manufactured using suitable UPVC sections as per the approved drawings by the Architect. The window will be with double oughened glass with Air Gap 6-10-6 fixed using rubber gasket. All hardware fittings will be of doorset or equivalent make.	Sqm	60		
(S)	FIXTURES AND OTHER ITEMS				
84	Providing and fixing blinds of MAC make & approved shades with channels & operating system complete as per direction.				
	(a) Oaken Glow (officer cabins)	Sqm	60		
85	Providing & pasting imported graphic / customised designer wall paper of 0.5mm thickness on existing walls including adhesive etc complete as per approved design by concerned officer.	Sqm	30		
86	Providing & pasting texured / standard designer wall paper of 0.5mm thickness on existing walls including adhesive etc complete as per approved design by concerned officer.	Sqm	0		
87	Providing & fixing automatic hand dryer of make Euronics / Aircare / or equivalent good quality make with speed upto 60M/S and minimum 1200 watts power in stainless steel body, complete as per the directions of the Officer/ officer in charge.	Nos	2		
88	Providing & fixing of manual type tissue paper dispenser of Kimberley clark / Aircare or equivalent quality make in ABS body complete as per the directions of the Officer/officer incharge.	Nos	4		
89	Providing & fixing manual push type soap dispenser of Kohler / Kimberley clark / Aircare / or equivalent quality make with capacity of 1000ml in ABS body complete as per the directions of the Officer or officer in charge.	Nos	4		

90	Providing & fixing wall hung toilet with soft close seat and cover of size 560x365x355mm of Kohler / Jaguar or equivalent make complete as per the direction of the Officer in charge	Nos	4		
91	Providing & fixing Lavatory in white colour wash basin of Kohler / Jaguar or equivalent make complete as per the direction of the Officer in charge	Nos	4		
92	Providing & fixing PVC concealed cistern with plate 8857 fitting & fixture of Kohler / jaguar or equivalent make complete as per the direction of the Officer in charge	Nos	4		
93	Providing & fixing hand shower (health faucet) with metal hose & holder in polish chrome of Kohler / jaguar or equivalent make complete as per the direction of the Officer in charge	Nos	4		
94	Providing & fixing white vitreous wall hung urinal with concealed fitting of Kohler / jaguar or equivalent make with back inlet and valve outlet including fixing to wall suitable brackets all as per manufacturer specifications and as per the direction of the Officer in charge	Nos	4		
95	Providing & fixing unplasticied PVC connection pipe with brass unions 60cm length and 20mm nominal bore as per the direction of the Officer in charge	each	12		
96	Providing & fixing anti cockroach floor drain cardinetc complete as per the directions of the concerned officer in charge	Nos	10		
97	Providing & fixing bottle trap of Kohler / Jaguar or equivalent make etc complete as per the directions.	Nos	4		
98	Providing & fixing CP single lever Lavatory faucet or single hole single lever basin mixer with lever handle without drain of Kohler / Jaguar or equivalent make complete as per direction.	Nos	4		
99	Providing & fixing CP brass toilet paper holder with flap etc of Kohler / jaguar / aircare or equivalent make complete as per the directions of the Officer in charge	Nos	4		
100	Providing & fixing CP brass angular stop cork (angle valve) with flange for basin mixer / geyser point of Kohler / jaguar or equivalent make complete as per the directions of the Officer in charge	Nos	16		
101	Providing & fixing Titan series modular toilet / restroom cubical partition in 12mm thick marino or equivalent make compact Laminate of overall height 2100mm (including a gap of 150mm from the ground) with door size 600mm having size as per drawing attached with all accesories like SS top rail, hinge, SS privacy thumb turn occupancy indicator, coat hook, door knob, SS adjustable legs, SS - U&F channel, SS door stopper channel, SS screws & inserts (SS grade 304 satin finish) rubber door stopper llining complete as per the directions of the Officer in charge	each	4		

102	Providing & fixing 5mm thick looking mirror of superior quality (Modigaurd/AtulTuff/Saint Gobin make or equivalent quality) with 12mm thick commercial plywood in back of looking mirror and fixed to wooden cleats with C.P brass screws & washers complete with 50mm wide 2nd class teak wood ornamental beeding all around the mirror including polishing & fixing with teak wood plugs etc complete as per the directions.	sqm	4		
103	Supply, Installation, Testing & commissioning (SITC) of up to 300mm plastic body fresh air fan in the existing opening i/c making the hole to suit the size of the above fan making good the damages connection, testing, commissioning etc. as reqd.	Each	6		
104	SITC of ceiling fan, including wiring the down rods of standard length (upto 30 cm) fan sweep size 48" in plain white colour and plain standard design of standard brands like Crompton / Khaitan / Bajaj/ Usha or equivalent make as required.	Each	6		
105	Providing & fixing geysers including labour, geyser and plumbing materials complete including transportation and lifting charges etc. (Crompton, Racold or equivalent)				
	25 Ltr	each	2		
106	Providing & fixing R.O. system for water purification including labour, RO and plumbing materials complete including transportation and lifting charges etc. minimum capacity 20 Ltrs (Eureka or Kent or equivalent)	each	0		
107	Providing & fixing Exhaust Fans / fresh air ventilation fans in toilets & kitchen areas (200mm or higher)	each	4		
108	Providing & fixing wall fans in officer cabins in size 400mm sweep with oscilating function in white colour plastic body of Orient, Crompton or equivalent make (Standard Size)	each	2		
(U)	VARIABLE REFRIGERANT FLOW SYSTEM				
i)	<u>Supply of Variable Refrigerant Flow System</u>				
109	Suppy of Modular type outdoor units (make Hitachi/ Mitsubishi/Toshiba only) equipped with highly efficient scroll / twin rotary compressors along with motor and drive arrangement, initial charge of refrigerant (R- 410A) and oil, initial refrigerant piping expansion valve (if any), drier, sight glass, high-low pressure cut-out, thermostatic control, supports for condenser unit etc. Air cooled condenser & its controller as described below of following actual capacities. ODU's have at least two compressors so as to have minimum half unit capacity running even in case of failure of one compressor. (make Hitachi or Mitsubishi Heavy Duty)				

(i)	38 HP Heat Pump Type- Top Discharge- 100 % INVERTER	Nos	1		
(ii)	24 HP Heat Pump Type- Top Discharge- 100 % INVERTER	Nos	1		
(V)	<u>INDOOR UNIT</u>				
110	Supply of Indoor units address setting and capacity as mentioned below. Multi-speed motor, coil section with DX coil, outer cabinet, drain pan mechanism insulation, pipe connections, etc of various capacities.				
(A)	4 way cassette with wired/corded remote				
i)	2.4HP	Nos	08		
ii)	2.00HP	Nos	01		
iii)	4.0 HP	Nos	10		
(B)	Hi-Wall Type				
(i)	2.00HP	Nos	02		
(iii)	Corded Remotes	Nos	19		
(iv)	Cordless Remotes	Nos	2		
(C)	Y-Joints	Nos	19		
111	Suppy, Installation, Testing and commissioning (duly certified through OEM) of Modular type outdoor units equipped with highly efficient scroll / twin rotary compressors along with motor and drive arrangement, initial charge of refrigerant (R-410A) and oil, initial refrigerant piping expansion valve (if any), drier, sight glass, high-low pressure cut-out, thermostatic control, supports for condenser unit etc. Air cooled condenser & its controller as described below of following actual capacities. ODU's have at least two compressors so as to have minimum half unit capacity running even in case of failure of one compressor.				
	Installation, Testing and Commissioning Outdoor Unit				
	24 HP	Nos	1		
	38 HP	Nos	1		
	<u>Indoor Units</u>				
112	Installation, testing and commissioning of INDOOR units, address setting and capacity as mentioned below. Multispeed motor, Coil, Outer Cabinet, drain pump mechanism, pipe connections and individually controlled louver setting for cassettes.				
(A)	Cassette Units				
ii)	2.4 HP	Nos	06		
iii)	2.0 HP	Nos	01		
iv)	4.0 HP	Nos	07		
(B)	Hi-Wall Units				

i)	Wall Mounted Split Type : 2.0HP	Nos	02		
iii)	Corded Remote	Nos	19		
iv)	MS Stand for Outdoor Unit Mounting	Nos	02		
113	Refrigerant Piping, Drain Piping and Cabling				
	Supply installation testing and commissioning of interconnecting refrigerant pipe work with (19mm/13 mm thick) closed cell elastomeric nitrile rubber tubular insulation between each set of indoor & outdoor units as per specifications, all piping inside the room shall be properly supported with hanger.				
i)	41.3 (with 19 mm Insulation)	RMT	170		
ii)	34.9 (with 19 mm Insulation)	RMT	20		
iii)	28.6 (with 19 mm Insulation)	RMT	95		
iv)	22.2 (with 19 mm Insulation)	RMT	20		
v)	19.1 (with 19 mm Insulation)	RMT	170		
vi)	15.9 (with 19 mm Insulation)	RMT	95		
vii)	12.7 (with 19 mm Insulation)	RMT	15		
viii)	9.5 (with 13 mm Insulation)	RMT	15		
ix)	6.4 (with 13 mm Insulation)	RMT	15		
114	Cable Tray				
i)	Providing and fixing of GI cable tray with properly support complete with GI threaded.				
ii)	Cable Tray for copper piping (300 mm) without cover	RMT	40		
iii)	Cable Tray for copper piping (150 mm) without cover	RMT	10		
115	Supply, installation, testing & commissioning of Refnet Joints	Nos.	16		
	Providing and fixing rigid PVC piping complete with fittings, supports as per specifications and duly insulated with 6 mm thick closed cell nitrile rubber insulation.				
i)	32 mm dia	RMT	120		
ii)	40mm dia	RMT	18		
116	Supply & fixing of control cum transmission wiring of Copper Conductor Cable along with Conduit for looping between indoor & outdoor VRF System & to main Centralremote controller system				
	2 C X 1.5 Sq mm	RMT	550		
	Cassette Frames	Nos.	14		

117	CCTV Supply, Installation, testing and Commissioning of Bullet Camera (04 Nos) - Fixed Lens Supply of 2 MP (night vision) with minimum following parameters or better to be connected with existing CCTV surveillance system all complete with necessary fitments like wires, mounting, conduits etc: Sony IMX323 1/2.7" CMOS Progressive Scan Sensor,1920 X 1080P, 3.6mm Fixed Lens, Color: 0.1Lux @ F1.2 (AGC OFF), B/W: 0 Lux @ (IR ON), H.264, M-JPEG compressions, 20 pcs. III-Gen.SMT IR LED,IR distance 5~30 meters, ONVIF Profile S, DWDR, Privacy Masking, PoE, Micro SD Card slot. Certification /Compliance - BIS, EN, CE, ROHS (Make Pelco /Bosch/Q-see/ Axis/ CBC/Panasonic and equivalent)	L.S.	1		
118	Display Unit (qty 01) : Supply, Installation, Testing and Commissioning of Display 24 x 7 days with minimum following parameters or better :- Smart Screen Size 43 inch Screen Resolution 1,920 x 1,080 (FHD pixels HD Type (make Samsung, LG, Sharp or equivalent)	Nos	1		
119	Providing & erecting a temporary structure by way of using Centering & shuttering (scaffolding) including strutting, propping etc. for the labour and workers to use for the purpose of proposed construction on the terrace of MMU building. The said structure to be safe & sturdy to take the load of workers and building materials to be transported from ground level to 3rd floor level. This temporary skaffolding staircase / structure to be kept erected for a period of 100days or till the proposed work gets completd as the workers and building materials would not be allowed to access the existing two staircases and lifts of the MMU building.	sqm	200		
120	Providing & fixing Exterior Grade wall Tile of 1st quality conforming to IS:13755 in approved color laid on 20 mm thick cement mortar 1:4 (1cement:4 coarse sand) including providing 4-5 mm gap between two tile (if required) all around as per detail drawing etc. complete consider basic rate Rs 90/sft	Sqm	290		
121	Waterproofing work on the terrace outside the gym area & open terrace of MMU hall at GF on the existing brick tile flooring all over with URP based material, brushing the surface with wire brush, two way coating with fibre mesh and then protection plaster complete including labour and material plus lifting charges up to the terrace	sqm	580		
122	Removing the existing outdoor units of existing split air-conditioners installed on the terrace outside Fitness Centre/GyM as mentioned in the above item and then re-installing the same after the water proofing and tiling work gets completed.	each	20		

123	Removing the existing outdoor 04 units of VRF central air-conditioners installed on MMU terrace and then re-installing the same after doing necessary civil work to create platform and extension of cables/refrigerent pipes etc (approx 20 to 25 Rmtr) at different location as specified by the project consultant (all complete)	L.S.	1		
124	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 mtr and lift up to 1.5 mtr (All kinds of soil)	sqm	500		
125	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath,parks, lawns, drive ways or light parking etc of required strength, thickness and size/table vibratory method using PU mould, laid in pattern over 50mm thick compacted bed of sand, proper embedding/laying of inter locking paver blocks bedding layer through vibratory compaction by using filling the joints with sand and cutting of paver size and pattern, finishing and sweeping extra sand as per directions of the concerned official.				
(i)	80 mm thick C.C. paver block of M-30 grade with approved color design and pattern. (to be laid in approved multicolor pattern)	Sqm	300.00		
126	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand (zone-III): 6 graded stone aggregate 40 mm nominal size)	cum	5.00		
127	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) : 25 mm thick	Sqm	50.00		
128	Supplying and stacking of good earth at site including royalty and carriage upto 5 km lead complete (earth measured in stacks will be reduced by 20% for payment).	cum	40		
129	Supplying and stacking sludge at site including royalty and carriage upto 5 km lead complete (sludge measured in stacks will be reduced by 8% for payment).	cum	8		
130	Grassing with selection No. 1/ Doob grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn, free from weeds and fit for mowing including supplying good earth, if needed (the grass and good earth shall be paid for separately). In rows 5 cm apart in both directions	sqm	15.55		
131	Plantation of Trees, Shrubs, and Hedge at site i/c watering and removal of unserveiceable material's as per direction of officer in charge (excluding cast of plant & water) 2.57.1 Trees Plant Each 6.40 2.57.2 Shrubs Plant Each 3.20 2.57.3 Hedge Plant /Ground cover Each 2.15				
(i)	Shrubs Plant	Each	900		
(ii)	Hedge Plant/Ground Cover	Each	1000		
132	Providing and stacking of Alpinia Variegated (three in one) having ht. 30 cm and above, with fresh and healthy	Each	200		

	variegated foliage in 25 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.				
133	Providing and stacking of Alternanthera species of height 15 cm to 20 cm, full of branches and foliage in 15 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	Each	200		
134	Providing and stacking of Asparagus marrie, well developed 15 to 20 leaves, full of branches and foliage in 25 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	Each	200		
135	Providing and stacking of Aspidistra, having 10 to 15 leaves well developed with fresh & healthy in 25 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	Each	200		
136	Providing and stacking of Daniella variegated, with 3 to 4 variegated leaves in 20 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	Each	200		
137	Providing and stacking of Euphorbia milli hybrid variety, having ht. 30 cm to 45 cm with multi branch, full bloom, fresh and healthy leaves in 30 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	Each	200		
138	Providing and stacking of Juniperus prostrata with 5 to 6 lateral branches and green foliage in 20 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge	Each	200		
139	Providing and stacking of Syngonium miniature dwarf, having height 30-45 cm. with 2-3 suckers healthy foliage in Earthen Pot/Plastic Pot of size 20 cm. as per direction of the officer-in-charge.	Each	200		
140	Providing and stacking of Tradescantia zebrina having in 15 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	Each	300		

SIGNATURE OF BIDDER WITH SEAL AND DATE

AMC Rates – VRF Airconditioning System at MMU Building, New Delhi,

Projected charges for Comprehensive Annual Maintenance Contract (AMC) including the cost of spares & consumables, excluding taxes etc. fixed for **03 years after expiry of defects liability/guarantee/warranty comprehensive free maintenance period of 24 months (02 yrs) from the date of installation and handing over the system for usage.** Taxes shall be paid extra as per prevailing rates being statutory component likely to be changed during the period.

S.No.	Description of Items	Type	Capacity	Total AMC Charges for 03 Years in Rupees (INR)			
				3 rd Year	4 th Year	5 th Year	Total Charges for three years
(A)	VRF Air Conditioning System using Cassette Type Indoor Units and wall mounted split for Air Flow/ Circulation as per specification given in RFP	VRF Air Cooled (Cool and Hot)	62 hp (38 + 24 hp)				
(B)	Total (in Rs.)						

Grand Total Amount for Three Years (03 Yrs) viz 3rd, 4th & 5th year (excluding taxes) = Rs.

Note : Evaluation of bids will be on Grand Total Amount quoted by the bidders (i.e. aggregate for 3 yrs)

SIGNATURE OF BIDDER WITH SEAL AND DATE

Performance Security

FORM OF BANK GUARANTEE FOR PERFORMANCE SECURITY

(To be stamped in accordance with Stamps Act of India)

1. THIS DEED of Guarantee made this day of _____ between _____ (Name of the Bank) (here in after called the “Bank”) of the one part and _____ (Name of the Department) (hereinafter called the “Department”) of the other part.
2. WHEREAS _____ (Name of the Department) has awarded the contract for creation of furnished office structure with complete interiors, furniture & fixtures, air-conditioning system, lifts and other misc & civil work at 2nd floor & terrace of MMU building, Kotla Road/Mata Sundari College Road, New Delhi – 110 002.
3. with allied misc jobs for Rs. _____ (Rupees in figures and words) (hereinafter called the “contract”) to M/s _____ (Name of the contractor (hereinafter called the “contractor”)).
4. AND WHEREAS THE Contractor is bound by the said Contract to submit to the Department a Performance Security for a total amount of Rs. _____ (Amount in figures and words).
5. NOW WE the Undersigned _____ (Name of the Bank) being fully authorized to sign and to incur obligations for and on behalf of and in the name of _____ (Full name of Bank), hereby declare that the said Bank will guarantee the Department the full amount of Rs. _____ (Amount in figures and words) as stated above.
6. After the Contractor has signed the aforementioned contract with the Department, the Bank is engaged to pay the Department, any amount up to and inclusive of the aforementioned full amount upon written order form the Department to indemnify the Department for any liability of damage resulting from any defects of shortcomings of the Contractor or the debts he may have incurred to any parties involved in the Works under the Contract mentioned above, whether these defects or shortcomings or debts are actual or estimated or expected. The bank will deliver the money required by the Department immediately on demand without delay without reference to the Contractor and without the necessity of a previous notice of or judicial or administrative procedures and without it being necessary to prove to the Bank the liability of damages resulting from any defects of shortcomings or debts of the Contractor. The bank shall pay to the Department any money so demanded notwithstanding any dispute /disputes raised by the Contractor in any suit of proceedings pending before any Court, Tribunal or Arbitrator(s) relating thereto and the liability under this guarantee shall be absolute and unequivocal.
7. THIS GUARANTEE is valid for a period of _____ months from the date of signing. (The initial period for which this Guarantee will be valid must be for at least six months longer than the anticipated expiry date of the Contract period).

8. At any time during the period in which this Guarantee is still valid, if the Department agree to grant a time of extension to the contractor or if the contractor fails to complete the works within the time of completion as stated in the contract, or fails to discharge himself of the liability or damage or debts as stated above, it is understood that the Bank will extend this Guarantee under the same conditions for the required time on demand by the Department and at the cost of the contractor.
9. The Guarantee hereinbefore contained shall not be affected by any change in the Constitution of the Bank of the contractor.
10. The Neglect of forbearance of the Department in enforcement of payment of any moneys, the payment where of is intended to be hereby secured or the given of time by the Department for the payment hereof shall in no way relieve the Bank of their liability under this deed.
11. The expressions “the Department”, “the Bank” and “the Contractor” herein before used shall include their respective successor and assigns.

IN WITNESS whereof I/We of; the bank has signed and sealed this guarantee on the _____ day of _____ (Month) _____ (Year) being herewith duly authorized.

For and on behalf of
the _____ Bank.

Signature of authorized Bank official

Name _____
Designation _____
I.D. No. _____
Stamp/ Seal of the Bank.

Signed, sealed and delivered for and on behalf of the Bank by the above named _____ in the presence of:

Witness- 1
Signature _____
Name _____
Address _____

Witness- 2
Signature _____
Name _____
Address _____

CHECKLIST - FOR BIDDERS

S No.	Details	Yes / No	Remarks
01.	Bid Security Declaration in lieu of EMD to be attached.		
02.	Tender Form : Annexure – 1		
03.	Tender document duly signed and stamped on each page.		
04.	Bidder Profile – : Annexure – 2		
05.	Financial Status : Annexure – 3		
06.	Letter of Authority : Annexure–4		
07.	Price-Bid : Annexure – 5		
08.	Power of attorney in favour of Signatory		
09.	Enclosed Xerox copy of PAN Card		
10.	Enclosed Xerox copy of GST Registration Certificate		
11.	Enclosed Xerox copy of EPF/ESI Registration Certificates		
12.	Attached the copies of the financial statements, including all related notes and income statement for the last three Financial years i.e. 2017-18, 2018-19 and 2019 – 20.		
13.	Enclosed copy of work order / contract with satisfactory work completion certificate and in case of ongoing project/work satisfactory performance certificate		

Note : **Please note that the above check list is an indicative for ready reference of the bidders. To fulfil the eligibility criteria please see RFP in detail.**

SIGNATURE OF BIDDER WITH SEAL AND DATE