



**F. No.01-03/GA/2016-FSSAI (Vol-II)**

**FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA**  
**MINISTRY OF HEALTH AND FAMILY WELFARE**  
**3RD FLOOR, FDA BHAWAN, KOTLA ROAD,**  
**NEW DELHI-110002.**

Dated, the 26<sup>th</sup> May, 2017

**TENDER NOTICE**

**INVITING BIDS FOR CARRYING OUT COMPLETE INTERIORS, SUPPLY OF**  
**FURNITURE ITEMS, AUDIO VIDEO EQUIPT, AIRCONDITIONING SYSTEM,**  
**THEIR INSTALLATION AND OTHER MISC. & CIVIL WORK**  
**AT FDA BHAWAN, KOTLA ROAD, NEW DELHI-110 002**

Food Safety and Standards Authority of India (FSSAI) invites sealed Tenders from the reputed & experienced contractors for carrying out various jobs like interior work after completion of civil job which includes wooden paneling, flexi partitions, air-conditioning, audio-video system, supply of furniture and fixtures & allied misc work for temporary structure created with approx 550sqm covered area at top floor (5<sup>th</sup> Floor) of FDA Bhawan Kotla Road, New Delhi-110002 in compliance of terms and conditions stipulated in the tender document.

02. The tender document is available on the FSSAI website. The duly filled in Tender Document with relevant supporting documents may be submitted on or before **21<sup>st</sup> June, 2017 by 1300hrs** addressed to Asstt Director (GA), FSSAI, 3<sup>rd</sup> Floor, FDA Bhawan, Kotla Road, New Delhi 110002 along with Demand Draft/Pay Order for Rs.10,00,000/- (Rupees Ten Lakhs Only) (Non-bearing interest) as Earnest Money Deposit (EMD). The Demand Draft / Pay order towards EMD should be in favour of Senior Accounts Officer, FSSAI payable at New Delhi.

Tender document (non-transferable) containing detailed specifications, terms & conditions can be obtained from GA Division on payment of cost of tender Rs.500/- (non-refundable) in the form of Demand Draft/Pay order drawn on any Nationalized/scheduled commercial Bank in favour of *Senior Accounts Officer, FSSAI*, New Delhi or in cash. Alternatively, the tender document can be downloaded from FSSAI **website: [www.fssai.gov.in](http://www.fssai.gov.in). and or through CPP Portal [www.eprocure.gov.in/epublish/app](http://www.eprocure.gov.in/epublish/app)** with the payment towards cost of the tender document and submission of bid as mentioned above.

**Address for communication:** AssttDir (GA), Food Safety and Standards Authority of India (FSSAI), 3<sup>rd</sup> Floor, FDA Bhawan, Kotla Road, New Delhi. -110002

Assistant Director (GA)  
FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA



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Dated, the 26<sup>th</sup> May, 2017

**INVITING BIDS FOR CARRYING OUT COMPLETE INTERIORS, SUPPLY OF  
FURNITURE ITEMS, AUDIO VIDEO EQUIPT, AIRCONDITIONING SYSTEM,  
THEIR INSTALLATION AND OTHER MISC. & CIVIL WORK  
AT FDA BHAWAN, KOTLA ROAD, NEW DELHI-110 002**

**1.0 SUBMISSION OF BID:**

1.1 a) Submission, acceptance and rejection: - A tender in sealed cover super-scribing "BidforInterior work and supply of Furniture and Fixtures" should reach in the office of Asstt Director (GA), Food Safety and Standards Authority of India, 3<sup>rd</sup> Floor, FDA Bhawan, Kotla Road, New Delhi-110002 on or before 21<sup>st</sup> June, 2017 by 1300 hrs.

b) The tender will be submitted in two parts as under: -

(i) Technical Bid – Technical Bid consisting of all technical details along with commercial terms and conditions, and

(ii) Financial Bid – Financial Bid indicating item-wise price for the items mentioned in the technical bid.

Note: The technical bid and the financial bid should be sealed by the bidder in separate covers duly super scribed (as 'Technical Bid' or 'Financial Bid' as the case may be) and both these sealed covers are to be put in a bigger cover which should also be sealed and duly super-scribed (as Tender Documents in response to Tender Notice dated 26<sup>th</sup> May, 2017 for carrying out the work for interior work after completion of civil job which includes wooden paneling, flexi partitions, air-conditioning, audio-video system, supply of furniture and fixtures & allied misc work at FDA Bhawan)

c) Tenders which are not complete in all respects are liable to be rejected.

d) While submitting the tender, the tenderers will be deemed to have read, understood and accepted all the terms and conditions stated in the tender documents. Any doubts or clarifications with regard to the interpretation of the terms and conditions stipulated in the Tender Enquiry, may be got clarified from FSSAI HQrs mentioned above at least 04 days before tender closing date.

2.0 Non-transferability: This tender is non-transferable.

**3.0 Bidder's Eligibility Criteria (BEC)**

3.1 **Experience:** Bidders are required to submit documentary proof of work order of single contract for minimum 03nos of composite jobs value of Rs.150.00 lakhs or more each (At least two works should be composite building works and one work can

be any composite/civil/Electrical/E&M services work excluding only maintenance work) or 02 Nos of composite job value for Rs.250 lakhs each or 01 Nos of composite job valuing Rs.400 lakhs or more for the similar nature in any Govt/PSU/Embassies etc during the last five years. The date of issue of this tender will be the relevant date for reckoning of period.

### 3.2 **Financial Criteria:**

- 3.2.1 Annual Turn Over: The Financial Statement (i.e. Trading & Profit and Loss A/c and Balance Sheet/ITR etc) in support of showing turnover of the firm with minimum Rs.300 lakhs (Rs.3.00 crore) or more p.a. for the last/previous 03 financial years (a) 2013-14, (b) 2014-15,(c) 2015-16.
- 3.2.2 The tenderers shall have to submit the documentary proof in support of above requirement by submitting financial statements/ITR/CA Certificate etc. The bids not meeting the above requirements of Tender documents entirely and/or not accompanied by necessary supportive documents for turnover shall be summarily rejected & shall not be considered for detailed evaluation.
- 3.2.3 A check list for submission of the relevant documents is enclosed at Annexure -7. Bidders are requested to ensure the compliance as per check list while submitting the offer.

## 4.0 **Scope / Description of Work**

4.1 FSSAI, functioning under Min of Health & Family Welfare has created additional space by way of temporary construction/infrastructure on top of its office premises at FDA Bhawan, Kotla Road, New Delhi with a view to have an additional office space urgently required due to its expansion. All the civil and essential supportive work is temporary in nature and no RCC work for roofs/walls has been carried out. Now, there is requirement of interior finish work and installations of ultra modern/latest available technology of VRF air-conditioning system (Cassette Type) being highly energy efficient and also Split Air conditioners (100% inverter technology with cooling capacity only), Split Air conditioners under buy back for one unit, digital audio/video system complete, Furniture and Fixtures, LED lights of different category/wattage and allied various miscellaneous jobs to make it ready to use on turn-key basis are required to be carried out by the selected agency. All types of electrical wires and Telephone/AV cables to be used shall be of specification laid down in the tender document & also be in line with local rules and electrical wiring for all installations and equipment will be concealed/embedded. In addition furniture items i.e. work stations etc; are also required to be supplied and installed on 3<sup>rd</sup> and 4<sup>th</sup> floors of FDA Bhawan as per specifications given in succeeding paras in detail. Proper safety measures are to be followed while carrying out electrical/audio visual/telephone communication system/internet wiring etc as per guidelines & standards as applicable and there should be no flaw or lack of competency/ignorance which shall not be tolerable. In addition, the open terrace area will also require to make it usable landscaped terrace for holding meeting/small event and is to be developed as good terrace area usable for official purpose as per detailed itemised work mentioned for it in part D below.

4.2. The details of work description with estimated qty which would be required for the proposed work is given below in different parts as per category of items/services to provide clarity of work involved: -

### **DETAILED WORK DESCRIPTION**

#### **PART-A – FURNITURE, FIXTURES, INTERIOR PANELLING& MISCELLANEOUS**

S.No.	Item Description	Unit	Tentaive Qty
1	<p>Providing and Supplying of ergonomically designed fabric upholstered high back revolving chair for Conference Room. 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<sup>3</sup> polyurethane mould and back cushion should be made up of 38mm thick High Density 33±2 Kg/m<sup>3</sup>. 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)</p> <p>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.</p>	Nos	7

2	<p><b><u>Specifications for conference room revolving chair:</u></b></p> <p>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<sup>3</sup> polyurethane mould and back cushion should be made up of 38mm thick High Density 33±2 Kg/m<sup>3</sup>. 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> <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.</p> <p>Note –. The back and base of the chair should be supplied with fabric upholstered. (Fabric colour shall be approved by concern official )</p> <p>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 )</p> <p>All material should be of high quality used of relevant ISI specification and as approved by the concerned officer.</p>	Nos	110
3	<p><b><u>Specifications for fixed base cushion chair for conference room :</u></b></p> <p>The back chairs for the conference rooms and meeting rooms shall be low back chair. The arms of the chairs should be black . The chair shall be supplied with PU moulded seat and back .The under structure should be made of tubular cantilever type MS ERW tube black powder coated. The chair shall be supplied with fabric of approved make and shade for seat and back.</p> <p>Note -The back and base of the chair should be supplied with fabric upholstered. All material should be used of relevant ISI specification The dimensions of the chairs should be as follows:</p> <p>Overall Height of chair : 890 mm max.</p> <p>The chair should be preferably the same model/alike as that of conference room chair.</p>	Nos	40
4	<p>Providing and fixing <b><u>CONFERENCE ROOM Table</u></b> with the following specifications:-</p> <p>The table is to be supplied in completely knock down conditions for assembly at site.</p> <p>The construction of the main table shall be free standing structure constructed with the help of mini-fix dowels and pins.</p> <p>The table should be made up of min 32mm thick MDF board with balancing laminate.</p> <p>Top is finished with 0.6mm thick post forming laminate of Merino or equivalent make.</p> <p>The table should have waterfall edge .The foil shall be coated with PU layer for better scratch and wear resistance.</p> <p>MDF Board shall be of Interior Grade as per IS 12406 : 2003</p> <p>The table connections have to be made in such a way that no gaps should be seen in between the tables.</p> <p>The provision of Wire carrier shall be as per manufacturer specifications.</p> <p><b>Table shall be made in following configuration .</b></p> <p><b>1) Conference Table 21 Seater -2 nos ( 12600mm x 600mm )</b></p> <p><b>2) Conference Table 6 Seater -4 nos ( 3300 mm x 600 mm)</b></p> <p><b>3) Conference Table 1 Seater -4 nos ( 750 mm x 600 mm)</b></p> <p><b>4) Conference Tables – 2 nos ( 1800mm x 600mm )</b></p> <p><b>Note :</b> The seating system design shall be modular / changeable as per</p>	Nos	01

	drawing attached.		
5	<p><b><u>Specifications for lounge sofa sets:</u></b>  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.  <b>Three seated sofa shall have overall size of 1800L x 740 D x 740 H mm</b>  <b>Two seated sofa shall have overall size of 1300L x 740 D x 740 H mm</b>  <b>One seated sofa shall have overall size of 600L x 740 D x 740 H mm</b>  All material should be used of relevant ISI specification and as approved by the concerned officials.</p>	Seat	20
6	<p><b><u>Specifications for centre table :</u></b>  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 &amp;centretable should be from the same model/alike.</p>	Nos	3
7	<p><b><u>Specifications for side table :</u></b>  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 - 550mm (W)x 550mm(D)x 425 mm (H) (min)  NOTE: The side table &amp;centretable should be from the same model/alike.</p>	Nos	8
8	<p><b><u>Specification for Partitions:</u></b>  Acoustically treated movable / folding wall partitions of 80mm thick partition filled with sound absorbing and damping layer ( glass wool wrapped in tissue paper) to achieve 50STC acoustic performance, with manual physical operation top and bottom seal mechanism with 1-hour fire rated. Partition having omni-directional manually operated and offer optimum room flexibility. The track system / bearing hinges enables the panels to negotiate angles and intersections and be moved to alternate locations and to be folded and stacked on both sides of the hall. The face finishes are made to coordinate wall panelling style and the surrounding decoration, Stacking methods: Two Side Stacking</p>	Sqm	40
9	<p>Providing and fixing in position teak veneer ply paneling with appropriate and necessary dash fasteners to ensure stability. The paneling consists of 12mm commercial ply with 4mm th. teak veneer, all teak wood section / teak veneer to be melamine polished 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.</p>	Sqm	400

10	Providing and fixing in position teak veneer ply paneling made out of frame work of 47 x 47mm M.S. tubes of 18 G thickness fixed to floor placed at 450/600mm (max.) c/c vertical and horizontal supported from existing wall/floor with appropriate and necessary dash fasteners to ensure stability. 50mm thick glass wool wrapped in tissue paper duly filled before ply paneling, the paneling consists of 12mm commercial ply with 4mm thick teak veneer, all teak wood section / teak veneer to be melamine polished and all frame of M.S. work to be properly welded including 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	58
11	Providing and fixing in position wooden paneling on side walls and windows at 4 <sup>th</sup> floor lift lobby area using 12mm BWR ply 4mm thick veneer (first quality) and melamine polishing.	Sqm	25
12	Providing and Fixing Toughened Glass on wall for writing board, name board etc; as per details below :- (i) 610mmx1220mm toughened glass for using as writing board – 01 Nos (ii) 610mmx1220 mm toughened glass based sign board for display of Names and tenure etc. using sticker based material as per specified nomenclature – 01 Nos (iii) 600mmx450mm sign board using 19mm BWR Board & veneer with polish covered with toughned glass of same size using stickers/film pasted using stainless steel spacers as approved – 02 Nos	Sqm	3.0
13	Providing & fixing of Pergola in M.S. Structure work with the grid system as mentioned in drawings & design.	Kg	1200
14	Supplying and installation of modular computer work unit of minimum dimension 1200mm (W) x 600mm (D) x 760mm (H) 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 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. and to be	Nos	20

	installed at 3 <sup>rd</sup> and 4 <sup>th</sup> floors.		
15	Providing and fixing low height Cubical shaped Executive Work Station with approx height of 5ft and giving main work station approx size 1250 x 500mm with side table unit approx size 900x450mm with ample storage provisions as per drawing & design, 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	06
16	Providing and Fixing Meeting Tables 3ftx2ft size standard height 30" high as per approved design using A grade anti termite teak ply or white board finish to write on top to be installed at 3 <sup>rd</sup> and 4 <sup>th</sup> floors. With stainless steel 304 grade baseframe in brush finish.	Nos	08
17	Providing and Fixing Meeting Tables 5ftx2ft size standard height 30" high as per approved design using A grade anti termite teak ply or white board finish to write on top to be installed at 3 <sup>rd</sup> and 4 <sup>th</sup> floors. With stainless steel 304 grade base frame in brush finish.	Nos	02
18	Wooden Table with 1mm thickness offwhite laminated and enamel paint inside with storage for small pantry with granite / stone top thereon HxLxD = approx 800mmx900mmx450mm	Nos	02
19	Providing and fixing blinds of MAC make & approved shades with channels & operating system complete as per direction. a) Active screen range at 4 <sup>th</sup> Floor Officer Room No.401 b) Oaken Glow ( officer cabins )	Sqm Sqm	21.5 23.0



	c) View Max screen (3 <sup>rd</sup> & 4 <sup>th</sup> floor glass windows)	Sqm	45.0
20	a) Providing and fixing motor for roller blinds Sonesse 40 RTS 3/30 inc crown/wheel & brackets having torque 3, speed 30/rpm, lifting capacity 10kgs for roller blinds with complete mechanism as per manufactures specifications and as per direction.	Each	4
	b) Supplying and placing universal remote controller Tellis 4 modulis RTS pure to operate four motors with one remote as per manufactures specifications & Directions of concerned officer.	Each	1
21	Providing & pasting imported graphic designer wall paper of 0.5mm thickness on existing walls including adhesive etc complete in Rooms at 3 <sup>rd</sup> and 4 <sup>th</sup> Floors as per approved design by concerned officer.	Sqm	60
22	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% polyster + 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 contouredlumbar support. 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. pitchcenter dia. (75.0 cm with castors) The twin wheel castors should be injection molded in black Nylon for trouble free movement. To be placed on 3 <sup>rd</sup> and 4 <sup>th</sup> floors at newly created office space area.	Nos	50
23	Providing and Fixing toughened laminated up to 33mm thick strengthened glass in composition of two or three layers of 10mm toughened glass with two sandwiched layers of 1.52mm thick PVB laminate layer , scratch resistant, frostedand laminated composite Glass for and as part of Floor Area to cover the existing atrium but allowing the light to pass through, with strength to take load of 100kg per sqm with 33mm thickness or more of first quality which will be layed after making mild steel and frame as per design to give full strength and support keeping in mind all safety features and preventive actions as far as possible. Design of frame attached for reference. The existing fibre sheets curved shed to be demolished and a scaffolding of five floors height to be erected till the job is completely over.	Sqm	33
24	Providing & supplying magazine & newspaper racks for the office use, in size 36" height and 12" width made out of 19mm BWP ply fixed with 4mm thick veneer and 1mm thick laminate as per design, duly polished at all edges with teak wood margin having shelves and or pockets as per the size of magazines or publications, the stand should be free standing without being mounted on any walls with provision of stand or legs as per design.	Each	4

25	Providing & laying matt finish terrace tiles in the front portion where lounge sitting is to be created, tiles to be layed on cement mortar giving proper rain water slope as per design.	Sqm	90
26	Providing & fixing new door closers to existing doors in the 3 <sup>rd</sup> , 4 <sup>th</sup> floor and to new doors on the terrace structure using heavy duty door closers of doorking / dorma/ closma / or equivalent make.	Each	12
27	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	7
28	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	6
29	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	6
30	Providing & fixing unplasticised pvc triple layer overhead water storage tank	Ltr	2000
31	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	70
	a) Double cylinder floor spring (heavy duty - 90kg)	Nos/Each	24
	b) Top patch fitting of Ozone / Dorma / Closma or equivalent make	Nos/Each	24
	c) Bottom patch fitting with strike plate of ozone/dorma/closma or equivalent/ identical quality make	Nos/Each	24
	d) Corner patch lock of ozone/ dorma / closma or equivalent make	Nos/Each	24
	e) H - type or D- type handle (25 x 300mm) of safex / closma or equivalent make	Nos/Each	24
32	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 of the EIC.	Sqm	30
33	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	90
34	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 to be as decided by EIC / 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 tapping 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. a) Having depth of up to 230mm b) Having depth of up to 350mm c) Having Depth of up to 450mm d) Having Depth of up to 600mm including modular stainless steel basket & fitting suitable for below counter kitchen / pantry cabinets for 5 <sup>th</sup> Floor Pantry	Sqm	9
		Sqm	60
		Sqm	3
		Sqm	10
35.	Supply and placing in position main officer desk/table of the specification of size 2100(w)mmX900(d)mmX750(h)mm.The table top shall be 25mm thick MFC (Melamine Faced Chipboard). The main table should be of duck noise profile edge in order to enhance the work space aesthetics. The material shall be as per manufacture's specifications and as per direction of officer.	Nos	1
36	Supply and placing in position joining table of the specification/size 1200(w)mmX600(d)mmX750(h)mm with top panel thickness of 25mm using Melamine Faced Chipboard (MFC). The leg of joining table shall be of metal. The material shall be as per manufacture's specifications and as per direction of officer.	Nos	1
37	Supply and placing in position back unit of the specification/size of 2100(w)mmX470(d)mmX750(h)mm with top panel thickness of 25mm using Melamine Faced Chipboard (MFC). The door panels and all other panels should be 18 mm thick MFC (Melamine Faced Chipboard). The handles shall be of metal. The material shall be as per manufacture's specifications and as per direction of officer.	Nos	1
38.	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
39	Providing & fixing double skinned fixed partitions wall with doors or openings wherever required on third & fourth floor 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 upto a height of 1300mm from the floor and the rest of the height upto ceiling height to be enclosed with 6mm thick glass factory made 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 claded with 12mm ply and finally finished in matching 1.0mm thick laminate complete with all required teak beadings.	Sqm	7
40	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	each	5
41	Providing & fixing Lavatory in white colour wash basin of Kohler / Jaguar or equivalent make complete as per the direction of the Officer in charge	each	4

42	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	each	5
43	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	each	5
44	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	each	3
45	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	20
46	Providing & fixing anti cockroach floor drain cardinetc complete as per the directions of the concerned officer in charge	each	6
47	Providing & supplying mini fridge for storing minor soft drinks, juices or water bottles for placing inside wooden pantry cabinet	Each	1
48	Providing & fixing bottle trap of Kohler / Jaguar or equivalent make etc complete as per the directions.	each	4
49	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 the directions.	each	4
50	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	each	5
51	Providing & supplying modular folding food serving imported designer light weight trolley in wooden finish shelves, MS round pipe powder coated frame and wire baskets complete on wheels	Each	1
52	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	each	21
53	Providing & fixing Stainless steel paneling in horizontal band shape all along the coridor walls of 3 <sup>rd</sup> & 4 <sup>th</sup> floor in 230mm height in SS 304 grade 22 gauge thick machine moulded on all bends fixed with adhesive on 19mm thick BWP block board duly cut in size and fixed on fastners with all exposed edges finished and fixed with 4mm teak lipping finished with wood primer before fixing SS sheet.	Mtr	225
54	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	42
55	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

56	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. all complete as per directions of Officer in charge	sqm	50
57	Civil construction of store area on 5 <sup>th</sup> floor level for storage purposes, 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, required electrical works, vitrified tiles flooring, painting complete with aluminum doors & windows	Sqm	32
58	Providing & fixing 18mm thick gang-saw cut, mirror polished, premoulded & pre-polished, machine cut for kitchen platform, vanity counter, window sills, facias, and similar location of required size, approved shade, colour & texture layed over 20mm thick base cement mortar 1:4 9 1 cement : 4 coarse sand), joints treated with white cement, mixed matching pigment, epoxy touch ups, including rubbing, curing, moulding & polishing to edges to give high gloss finish etc complete at all levels	sqm	20
59	Providing edge moulding to 18mm thick gang saw cut for kitchen platform, vanity counter, window sills, facias, and similar location of required size, including rubbing, moulding & polishing to edges to give high gloss finish etc complete at all levels	metre	10
60	Providing & fixing 5mm thick looking mirror of superior quality (Modigaurd /Atul Tuff/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 of the Officer in charge	sqm	10
61	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	12
62	Providing & injecting chemical emulsion for preconstruction anti-termite treatment & creating a continuous chemical barrier under & around the floor and walls which includes only covered area. Complete as per specifications, with Chloropyriphosemilisifiable concentrate 20% with 1% concentrate	Sqm	600
63	Providing & fixing curb stone of size 450mmx250mmx75mm or as per the required size in required curved design or pattern outside the main gates of the building complete including labour for fixing and all required fixing materials etc.	Mtr	30

64	SITC of 36 watts LED down lighter of size 600x600mm direct in the false ceiling recessed type including testing & commissioning complete as required (Phillips/Leolux /wipro/Max or equivalent make) as per design	Each	40
65	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
66	Supply and fixing of compact type mirror light fitting suitable for energy efficient 12 watt LED lamp alongwith all accessories i/c S/F 1 No 7 watt LED lamp directly on wall connection etc as reqd.	Each	6
67	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	6
68	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/Leolux /wipro/Max or equivalent make) up to 150mm in size whether round or square as per design	Each	150
69	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	12
70	SITC of essential LED tube Fitting 4' 20w/840 T8 1nd 1200 on surface or cove i/c connection etc as required (Philips/Leolux/Wipro/Max or equivalent make) of 18 watt LED tube.	Each	30
71	SITC of Profile LED light fitting in 18mm x 15mm aluminium channels fitted with LED bulbs upto 100pc in each running meter length with SMPS of up to 120 watts max as required in wooden or POP false ceiling.	Mtr	30
72	SITC of designer hanging lights above conference table in the main conference room / hall of maximum size up to 750mm x 200mm x 200mm fabricated out of fabric or glass on MS powder coated round or square bar frame fitted with CFL or LED bulbs as per design.	Each	12

## PART-B DETAILS IN BRIEF FOR VRF AIRCONDITIONING SYSTEM

S.No.	Description of Items	Unit	Qty
<b>1 (A)</b>	<b><u>Installation of Variable Refrigerant Flow System</u></b>		
	Supply, Installation , Testing and commissioning of Modular type outdoor units equipped with highly efficient scroll compressors. Each outdoor unit should have minimum 1 no. variable compressor up to 18 HP, 2 nos. variable compressors upto 32 HP capacity, 3nos. variable compressors up to 54 HP capacity with special heat exchanger, 20- 27 Steps speed control DC motor condenser fan , auto check function for connection error, auto address setting and in built Double Stage Oil Separation to ensure minimum oil entrainment and proper lubrication.The condensing units should be capable for outside ambient 48 Deg. C.		
	24 HP Heat Pump Type- Top Discharge- 100 % INVERTER	Nos	01
	34 HP Heat Pump Type- Top Discharge- 100 % INVERTER	Nos	01
<b>2 (B)</b>	<b><u>INDOOR UNIT</u></b>		
	Supply , Installation , Testing and commissioning 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 capacitites.		
<b>Part B-i</b>	4 way cassette with wired/corded remote		
<b>B-ii</b>	1.59TR/2.0 HP	Nos	01
<b>B-iii</b>	2.0 TR/2.5 HP	Nos	10
<b>B-iv</b>	2.65 TR/3.0 HP	Nos	06
<b>B-v</b>	3.2 TR/4.0 HP	Nos	03
<b>C</b>	<b>Hi Wall Units</b>		
<b>C-i</b>	1.5 HP	Nos	02
<b>D</b>	<b>Y-Joints</b>	Nos	20
<b>E</b>	Split 100% Cool only wall mounted Air-conditioners make Mitsubishi or equivalent only with maximum energy efficient i.e 5 or more star rating under buy back scheme for one old unit. Complete installation with supportive low side work with no hidden cost		
E-i	1.8TR	Nos	05
E-ii	1.5TR	Nos	01
E-iii	1.0 TR	Nos	02

**Airconditioning Systems other requirements for installations**

<b>S.No.</b>	<b>Description/Items</b>	<b>Unit</b>	<b>Qty</b>
<b>1</b>	<b>Installation of Variabe Refrigerant Flow System – Setfree</b>		
<b>Part-A</b>	Installation Modular type Set free outdoor units equipped with highly efficient scroll compressors .Each outdoor unit should have minimum 1no.variable compressor variable compressors upto 54HP capacity with special heat exchanger, 27 Steps speed control DC motor condenser fan ,auto check function for connection error, auto address setting and in built Double Stage Oil Separation to ensure minimum oil entrachment and proper lubrication. The condensing units should be capable for outside ambient 48 Deg. C.		
<b>A-1</b>	<b>Installation, Testing and Commissioning Outdoor Unit</b>		
	24 HP	Nos	1
	34 HP	Nos	1
	<b>Indoor Units</b>		
	Installation, testing and commissioning of <b>SETFREE INDOOR</b> units , address setting and capacity as mentioned below. Multispeed motor, Coil Section with DX Coil, Outer Cabinet, drain pan mechanism insulation, pipe connections, fresh air intake connector and individually controlled louver setting for cassettes and concealed unit above 3 HP having higher air quantity of 400 CFM/tr etc. of various capacities as per OEM (Hitachi) specifications.		
<b>B.1</b>	<b>Cassette Units</b>		
	1.59TR/2.0 HP	Nos	1
	2.0 TR/2.5 HP	Nos	10
	2.65 TR/3.0 HP	Nos	06
	3.2 TR/ 4.0 HP	Nos	03
<b>B.2</b>	<b>Hi-Wall Units</b>		
	Wall Mounted Split Type : 1.5 HP	Nos	2
	Corded Remote	Nos	20
	MS Stand for Outdoor Unit Mounting	Nos	2
<b>2.</b>	<b>Refrigerant Piping, Drain Piping and Cabling</b>		
	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 HITACHI STD & specifications, all piping inside the room shall be properly supported with MS hanger.		
	41.3 ( with 19 mm Insulation )	RMT	59
	34.9 ( with 19 mm Insulation )	RMT	65
	28.6 ( with 19 mm Insulation )	RMT	59
	22.2 ( with 19 mm Insulation )	RMT	65
	19.1 ( with 19 mm Insulation )	RMT	55
	15.9 ( with 19 mm Insulation )	RMT	95
	12.7 ( with 19 mm Insulation )	RMT	49
	9.5 ( with 19 mm Insulation )	RMT	95
	6.4 ( with 19 mm Insulation )	RMT	55
<b>3.</b>	<b><u>Cable Tray</u></b>		
	Providing and fixing of GI cable tray with properly support complete with GI threaded.		
	Cable Tray for copper piping (300 mm) without cover	RMT	20
	Cable Tray for copper piping (150 mm) without cover	RMT	20
<b>4.</b>	<b><u>Supply, installation, testing &amp; commissioning of Refnet Joints</u></b>	Nos.	20
<b>5.</b>	Providing and fixing rigid PVC piping complete with fittings, supports as per HITACHI Standards & specifications and duly insulated with 6 mm thick closed cell nitrile rubber insulation.		
	32 mm dia	RMT	76
	40mm dia	RMT	35
<b>6.</b>	Supply & fixing of control cum transmission wiring of Copper Conductor Cable along with Conduite for looping between indoor & outdoor VRF System & to main Central remote controller system		
	2 C X .75 Sq mm	RMT	344
<b>7.</b>	Cassette Frames – Welding	Nos.	20

### **PART-C DETAILS OF AUDIO VISUAL EQUIPMENT/ITEMS REQUIRED**

S.NO	Product	Make	Model	Total Qty
	<b><u>Display Items</u></b>			
1	HD LED 55" full HD Displays and HDMI connectivity with wall mount	Panasonic or Samsung or LG	55dm300dx, ED55D, 55SE3KB	10
2	5000 lm, WUXGA, HDMI, LAN, USB Type A/B, 12W Spk, HD BaseT	Sony or Panasonic or EPSON	VPL CH375 PT-VZ575ND Z10000U	1
3	Motorised Screen with LVC	Liberty Grand View	-	1
4	Projector Lift with LVC	Imported	-	1
5	HD LED 75" Displays with wall mount	Samsung or Panasonic LG	ED75E TH-75EF1W 75LS53A	1



6	Laptop connectivity enclosure with Two Multi Region Power Socket and 4 holes	Custom	Imported	1
7	4K/UHD HDBaseT TX/RX with Three-Input Switcher, Ethernet, Control, and PoE	Atlona or Extron or Crestron	AT-HDVS-150-TX+HDVS-150-RX DSC-301 DM-TX-201-C	1
8	4K/UHD 230ft (70m) HDBaseT TX/RX with PoE	Atlona or Extron or Crestron	AT-UHD-EX-70-KIT  DTP HDMI 4K 330Tx+DTP HDMI 4K 330Rx  DM-TX-AK-202-C+DM-RMC-4K-100-C	15
9	1x4 HDMI Distribution Amplifier (4Kx2K)	Atlona or Extron or Crestron	AT-HDDA-4  DA4-HD-4K  HD-DA4-4K-E	2
10	1x8 HDMI Distribution Amplifier (4Kx2K)	Atlona or Extron or Crestron	AT-HDCAT-8  DVI-DA8-Plus  HD-DA8-4K-E	1
11	4K/UHD 4x4 HDMI Matrix Switcher	Atlona or Extron or Crestron	AT-UHD-H2H-44M  DXP-44HD-4K  DM-MD6X4	1
12	Wireless Collaboration Gateway	Wepresent or Extron or Crestron	Wepresent  Sharelinks  AM-100	4
13	Two-way in-ceiling loudspeaker, 6.5" LF & 1" Tweeter, 8Ohm/60 Watts, 60Hz - 20KHz , White – PAIR	Apart or Extron or JBL	CM608  SF-26X  Control-24C	10
14	Two Channel High Impedance Amplifiers – 100 Watts Per Channel	Crown or Extron or Crestron	XLS-1002  XPA-4002  AMP-32105	1
15	Wireless Handheld Microphone	AKG or Sennhieser or Bayerdynamic	Perception Wireless Handheld XSW35-A  Opus-669	2
16	Wireless Lapel microphone	AKG or	Perception Wireless Lapel	2

		Sennhieser or Bayerdynamic	XSW12-A Opus-654	
17	Manual Mixer	Yamaha or Soundcraft or Behringer	MG06 EPM6 XENYX-802	2
18	Wirless Unit	Bayerdynamic or Sennhieser or AKG	Quinta CU ADN-CU1-EU CS3-BU	1
19	Delegate Microphones with Gooseneck Microphone 500mm/20"	Bayerdynamic or Sennhieser or AKG	Quinta MU 21+Classis GM 115 Q ADN-W D1-BA CS3-DU	12
20	Omnidirectional antenna for Quinta CU, triple-band 2,4/5,2 / 5,8 GHz, N(HF) female connector, for ceiling mounting with Antenna cable for Quinta, Cable with very low attenuation, N(HF) plugs, length 20 m (66 ft.)	Bayerdynamic or Sennhieser or AKG	CA Q14+CA Q 32 ADN-W AM RA4000	2
21	Single charger and power supply for Quinta	Bayerdynamic or Sennhieser or AKG	CA-2459 ADN-W L10-EU CU400	7
22	VGA, HDMI Cable, Speaker Cable, Mic Cable, UTP Cable	Custom	LOT	1
23	Equipment Rack	Indigenous	-	1
24	Installation , Commissioning, Documentation	A2V	A2V	Lot
25	Handy cam with Exmore R CMOS sensor	SONY	CX 405	1
26	Tripod	Sony	VCT R-100	1

**PART-D Details of Outside Landscaping on Terrance Open Area**

S. No.	Item Description	Unit	Qty.
<b>A</b>	<b>Dismantling</b>		
1	Demolishing of Brick Work manually/by mechanical means including disposal of unserviceable material from site & usable material to be stake at site as per direction of officer concerned.	Cum	1.00

2	Demolishing/ Chipping of Existing Stone / Tiles from floor manually/ by mechanical means including disposal of unserviceable material & usable material to be stake at site as per direction.	SQM	320.00
3	Removal of Malba from site	Truck (Medium)	9.00
<b>B</b>	<b>CC &amp; RCC Work</b>		
1	Providing and laying in position Cement Concrete 1:4:8 (1cement: 4coarse sand: 8 graded stone aggregate 20mm nominal size & Coarse Sand) excluding the cost of centering and shuttering.	Cum	15.00
2	Providing & laying Reinforced cement concrete 1 : 1.5 : 3 (1cement : 1.5coarse sand :3 graded stone aggregate 12-20mm nominal size & Coarse Sand) excluding the cost of centering and shuttering.	Cum	6.00
3	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.	Sqm	23.00
4	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete	Kg	300.00
a	Cold Twisted bars of grade FE-500D		
<b>C</b>	<b>Masonry Work</b>		
1	Brick work with bricks of class designation 75 in Super structure in cement mortar 1:6 (1cement:6 coarse sand of zone-II)	CUM	5.00
2	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	100.00
3	Curved Shape 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	80.00
4	Extra for providing and placing in position 2 Nos. 6mm dia M.S. bars at every third course of half brick masonry ( with F.P.S. bricks ).	SQM	180.00
5	<b>Brick bat coba waterproofing</b>		

	<p>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.</p> <p>The item also 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)</p>	Sqm	33.00
<b>D</b>	<b>Finishing Work</b>		
1	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	280.00
2	Providing and applying wall putty of approved make and quality over plastered surface to prepare the surface even and smooth complete.( Birla putty)	Sqm	130.00
3	Providing and applying 100% heat insulating & thermal resistant, high quality, external Apex paint coating of approved make including a priming coat on the surface and applying by brush two subsequent coats of paint of approved shade, color, texture & design. The rate shall include erection of scaffolding at all levels, applying three coats at an interval of 4-6 hours between each coat etc. all complete as per the satisfaction of the consultant / officer-in-charge.	Sqm	70.00
4	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	100.00
5	Finishing with Synthetic Enamel paint ( two or more coats ) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete.		
	On steel surface	Sqm	160.00
<b>E</b>	<b>Flooring</b>		

1	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 150/sft)	SQM	6.00
2	Providing & fixing 18mm thick machine cut Udaipur Marble/ Yellow Jaiselmer stone (as per sample approved by the Architect) in flooring/ treads/ landings and similar locations as per approved design & drawing laid over 20mm thick base cement mortar 1:4(1cemend :4 coarse sand) with joints treated with cement, mixed with matching pigment including curing, rubbing & polishing etc. complete.	Sqm	65.00
3	Extra for fixing Udaipur Green Marble/ Yellow Jaiselmer stone over and above corresponding basic item, in border, facia and drops or similar locations, of width up to 150mm including cleaning etc. complete.	RMT	145.00
4	Providing & laying 40 mm thick marble chips flooring, rubbed and polished to granolithic finish, under layer 28 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) and top layer 12 mm thick with white, black, chocolate, grey yellow or green marble chips of sizes from 7 mm to 10 mm nominal size, laid in cement marble powder mix 3:1 (3 cement : 1 marble powder) by weight in proportion of 2:3 (2 cement marble powder mix : 3 marble chips) by volume, including cement slurry etc. complete :	Sqm	160.00
5	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 considerbasic rate Rs 150/sft ( for rounder patterns)	Sqm	70.00
6	Providing & fixing Exterior Grade floor 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 all around as per detail drawing etc. complete considerbasic rate not more than Rs 90/sft	Sqm	25.00
7	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 50/sft	Sqm	45.00
8	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 all around as per detail drawing etc. complete consider basic rate not more thanRs 90/sft	Sqm	50.00
9	Providing & fixing Exterior Grade Designer Mosaic floor Tile as per approved color, shade & pattern laid on 18 mm thick cement mortar 1:4 (1cement:4 coarse sand) as per detail drawing etc. complete consider total rate not more than Rs 700/sft	Sqm	15.00
10	Providing & fixing 30mm thick machine cut Sand Stone(as per sample approved by the Architect) in copping and similar locations as per approved design & drawing laid over 20mm thick base cement mortar 1:4(1cement :4 coarse sand) with joints treated with white cement, mixed with matching pigment including curing etc. complete with edge nosing polishing etc. (Basic Rate of Stone: approxRs. 90/- per Sft)	Sqm	25.00

<b>F</b>	<b>STRUCTURE WORK</b>		
1	Supplying & installation of 8 mm dia. SS rope with hooks & jointers	Rmt	150.00
2	Supplying & 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	6000.00
<b>G</b>	<b>Plumbing &amp; Drainage</b>		
1	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 and making good the walls.		
a	20mm nominal outer dia pipe	RMT	30.00
b	25mm nominal outer dia pipe	RMT	30.00
c	32mm nominal outer dia pipe	RMT	24.00
d	40mm nominal outer dia pipe	RMT	18.00
2	Providing, fixing UPVC Pipes for drainage:( including fixing of required M.S. clamps ,bends and providing lead caulked joints to pipes and fittings complete).		
a	40 mm dia soil pipe	RMT	12.00
b	75 mm dia soil pipe	RMT	24.00
c	110 mm dia soil pipe	RMT	10.00
3	Providing and fixing 110mm UPVC Nahani Trap.	Nos.	6.00
4	Providing and fixing 125mm S.S. grating over Nahani Trap.	Nos.	6.00
5	Providing and fixing BIB COCK	Nos.	6.00
6	Providing & Fixing CPVC Ball Valve		
a	20mm nominal outer dia pipe	Nos.	3.00
b	25mm nominal outer dia pipe	Nos.	2.00
c	32mm nominal outer dia pipe	Nos.	1.00
d	40mm nominal outer dia pipe	Nos.	1.00
<b>H</b>	<b>Electrical</b>		
1	Wiring for Light/ Fan/ 6 amp point/ 16amp point along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed PVC conduit as required.		
a	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	Rmt	50.00
b	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Rmt	100.00
c	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Rmt	100.00

d	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	Rmt	10.00
2	Supply and Fixing of 6 pin 16/6 amp 240 volt weather proof power switch socket switch complete with all accessories as per specifications and as required.	Nos	10
3	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:	No.	1.00
	<b>4 WAY TPN DB</b>		
	INCOMER :		
	1 no. 40A, FP MCB/ RCCB		
	Outgoings		
	12 Nos. 6A/10A/16A/20A/25A SP MCB's, as specified in drawings.		
4	<b>Light Fixtures</b>		
1.00	LED Up- Lighters (Weather Proof)	Nos	8.00
2.00	LED Down- Lighters (Weather Proof)	Nos.	7.00
3.00	LED Wall Bracket Lights (Weather Proof)	Nos	12.00
<b>I</b>	<b>Miscellaneous Work</b>		
1	Providing & fixing 32mm th.seasonedMiranti wood/ Canadian Pine wood planks with necessary hardware on existing MS frame complete with coating of linscid oil.	Sqm	20.00

## 5.0 **Technical Bid**

Technical Bid consists of all technical details along with commercial terms and conditions. This bid also covers minimum eligibility criteria and required documents as mentioned below.

*Note:-It is made clear that no part of financial bid should be reflected or disclosed in technical bid in any manner. If so found, the tender will be summarily rejected by FSSAI.*

### **Eligibility Criteria for Technical Bid:**

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

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

5.1 Tender fees: Cost of tender fee is Rs.500/- (non-refundable) in the form of Demand draft/Pay order drawn on any Nationalized Bank in favour of Senior Accounts Officer, FSSAI, payable at New Delhi 110002

- 5.2 **Earnest Money Deposit (EMD)/Bid Security:** Earnest Money Deposit is for Rs.10,00,000/- (Rupees Ten Lakhs Only) (non-bearing interest). The EMD shall be paid in the form of demand draft/banker's cheque/Fixed Deposit Receipt/Bank Guarantee issued by a nationalized bank/Scheduled Commercial Bank in an acceptable form in favour of **Sr. Accounts Officer, FSSAI** payable at **New Delhi**.
- 5.3 Tender offers received without EMD shall be rejected straightway and will not be considered. EMD of tendering agency who submits the sealed quotation but withdraw the same before expiry of the tender validity date may be forfeited at the discretion of FSSAI.
- 5.4 **Firm's Registration:** Bidder must be registered for sales tax/DVAT, Income tax and service tax Deptt i.e. having VAT, TIN, PAN, Service Tax, ESI& PPF/EPF registration. (Attach supportive document viz copy of Regn).
- 5.5 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.
- 5.6 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).
- 5.7 The bidding establishments should be a registered with CPWD (as class-II composite category) or above (ii) having authorisation to undertake project/work valuing Rs.3.00 crore and more (i.e. financially sustained of similar categories of class-II composite or above of CPWD) and (iii) interested PSUs, having permanent set up/office in Delhi/New Delhi (attach supporting document as proof).
- 5.8 The bidding firm/agency/company must have successfully done/completed in any of the government departments/organizations/foreign missions in India for works/services during the past five years with the following criteria :-
- (i) Three composite works of Rs.1.50 crore each (At least two works should be composite building works and one work can be any composite/civil/Electrical / E&M services work excluding maintenance work)  
Or
  - (ii) Two Composite Works of building of Rs.2.50 crore each  
Or
  - (iii) One Composite Work of Building of Rs.4.00 crore or more.
- ( Attach copies of work order in support).

The Composite work of building means Civil Building Work including either internal electrification or one of the E&M services mentioned below under one agreement:-

- (i) Fire Fighting
- (ii) Fire Alarm
- (iii) HVAC Air Conditioning



- (iv) Lift
- (v) Electrical Sub Station
- (vi) DG Set

- 5.9 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).
- 6.0 Vendors should have MOU/authorisation back up with a principle technology partner (OEM – Original Equipment Manufacturer/authorised distributors/dealers) for various Audio/Visual Equipment/Items and Mitsubishi/Hitachi brands VRF Air conditioning System with capacity of 50 tons or more who covers up all technological part are only eligible to participate.

### **Desirable Criteria**

- 6.1 The bidding agency/firm/company having valid ISO certification will be given preference.
- 6.2 The bidders having past experience of carrying out supply and installation of Audio/Visual Equipment/system for conference halls and VRF Air conditioning system along with the prescribed other works will be given preference.
- 6.3 **Site visit:** The probable bidders are advised to visit the site of work to assess the proposed requirement/job of work, with the permission of the Assistant Director (GA) on any working day between 1000 hrs to 1630 hrs (Monday to Friday) before submission of the bid by due date.
- 6.4 **Pre-Bid Meeting** : Pre-bid meeting will be held on 1<sup>st</sup> June at 1130 hrs on 3<sup>rd</sup> Floor, FDA Bhawan, Kotla Road, New Delhi-110002 for clarification/discussion on the proposed work. Interested bidders may attend the same.

### **7.0 Financial Bid**

- 7.1 Financial bid should **quote Unit rate of description of goods** (in quantity) in the format, Annexure – 5 enclosed, figures in Indian rupees (in words also). In-complete bids will be rejected summarily.
- 7.2 Rates quoted shall be clearly indicating all statutory duties and taxes (including excise and customs) VAT/Service Tax etc. as applicable. Price quoted shall be firm and any variation in rates, prices or terms during the validity of the offer may lead to forfeiture of the EMD and in case no specific taxes are mentioned the prices quoted shall be considered as inclusive of taxes.
- 7.3 Rates for Comprehensive AMC are also to be quoted separately as per bid proforma (Part-II of Annexure-5) for VRF Air-conditioning System. However, that shall not be considered for inclusion in Contract Value for the purpose of selection. The Contract Value will be the total cost as per prescribed format (i.e. Annexure-5 Part-I).

### **8. Documents**

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

Annexure – 1 : Tender Form

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
Annexure-8	:	Undertaking for Acceptance of Rates Matching

## **9. General Conditions**

9.1. **Law:** The Contract shall be considered and made in accordance with the laws of the Republic of India. The contract shall be governed by and interpreted in accordance with the laws of the Republic of India.

9.2. **Effective Date of the Contract:** The contract shall come into effect on the date of signatures of both the parties on the contract (Effective Date) i.e. from the date of award of work 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. All the specified works and services, supply of items etc; shall be completed within **105** days from the date of effective date of contract.

9.3. **Penalty for use of Undue influence:**The Seller/selected bidder 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 Buyer 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 Seller or any one employed by him or acting on his behalf (whether with or without the knowledge of the Seller) or the commission of any offers by the Seller 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 Buyer i.e. FSSAI to cancel the contract and all or any other contracts with the Seller and recover from the Seller the amount of any loss arising from such cancellation. A decision of the Buyer or his nominee to the effect that a breach of the undertaking had been committed shall be final and binding on the Seller. Giving or offering of any gift, bribe or inducement or any attempt at any such act on behalf of the Seller towards any officer/employee of the Buyer or to any other person in a position to influence any officer/employee of the Buyer for showing any favour in relation to this or any other contract, shall render the Seller to such liability/ penalty as the Buyer 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 Buyer.

9.4. **Access to Books of Accounts:** In case it is found to the satisfaction of the Buyer that the Seller 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 Seller, on a specific request of the Buyer, shall provide necessary information/ inspection of the relevant financial documents/information.

9.5. **Non-disclosure of Contract documents:** Except with the written consent of the Buyer/ Seller, other party shall not disclose the contract or any provision, specification, plan, design, pattern, sample or information thereof to any third party except where required by the law of the land.

9.6. **Liquidated Damages:** In the event of the Seller's failure to submit the Bonds, Guarantees and Documents, supply the stores/goods and conduct trials, installation of equipment, training, etc as specified in this contract, the Buyer may, at his discretion, withhold any payment until the completion of the contract. The BUYER i.e. FSSAI may also deduct from the SELLER/Selected Bidder 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/works/services.

## 10. **Bid Opening**

- 10.1 On the date and time mentioned in the tender notice, Technical bid will be opened on 21<sup>st</sup> June, 2017 at 1500 hrs at 3<sup>rd</sup> Floor, FDA Bhawan, New Delhi-110002.
- 10.2 Authorized representative(s) of the tenderers may attend the meeting, if they wish to. The authorized representative must be competent and empowered to settle all technical and commercial issues, if required.

## 11. **EVALUATION CRITERIA:**

### **Determination of responsiveness**

- 11.1 Prior to the financial evaluation of bids, FSSAI will determine whether each bid is substantially responsive to the requirement of bidding documents.
- 11.2 For the purpose of the above clause, the bid should conform to all the terms, conditions and specifications of the bidding documents without material deviation. A material deviation is one which affects/limits in any substantial way the scope, quality, or performance of works and/or is inconsistent with the bidding documents.
- 11.3 Eligibility of tenderer will be based on proof of past experience, financial capability, resource availability, which should form the technical offer. The technical offer of the firm would be evaluated by the Technical Evaluation Committee (TEC). The financial/commercial offers will be opened only in respect of the bidders who qualify the technical bid requirements as per the tender details.
- 11.4 No error, overwriting / correction shall be permissible unless attested under the signature of the bidder with date and seal.

## 12.0 **TECHNICAL & FINANCIAL EVALUATION.**

### 12.1 **Selection Procedure & criteria:**

The technical bid evaluation shall be done based on the following criteria:-

- i) The responsiveness of the bid, i.e; Annexures duly filled, signed and accepted bid documents in complete form, including Authorisation letter.
- (ii) Receipt of valid EMD & Tender Fee with requisite amount in acceptable format.
- (iv) Documents in proof of meeting the minimum eligibility criteria.

(iv) Any other documents as required to support the responsiveness of the bidder as per tender.

12.2 A substantially responsive bid shall be the one that meets the requirements of the bidding document in totality. The technical bid not meeting the minimum requirements as per the tender documents shall be rejected and their financial bids will be returned unopened.

12.3 The bidder who qualifies at the technical evaluation stage shall only be called for opening of financial bids. Client shall intimate the bidders, the time/venue for the financial Bid opening through written and/or telephonic communication/or email.

### **13. Evaluation of bids:**

13.1 The Authority may reject all the bids if these are found to be unresponsive or unsuitable either because these represent major deficiencies in complying with the tender or substantively higher costs are quoted.

13.2 Validity of Tender: Tender shall be valid for acceptance for a period not less than 120 days after tender opening date.

### **14.0 Award of Contract:**

14.1 FSSAI will award the contract to the tenderer whose tender has been determined to be substantially responsive.

14.2 By the process of evaluation of technical bids and financial bids, 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. Though the successful bidder will be selected based on the overall aggregate low price, however, the L-1 bidder will have to accept the price after matching the rates for all the items with L-2 bidder for rates which are lower quoted for various items by L-2 bidder. This may bring the total cost further down than the L-1 bidders' quoted price and it has to abide by the same. The bidder is to accept the Annexure-8 by signing the same. The consideration of taxes and duties in evaluation process (including those for which certificate of exemption are issued) quoted by the bidders will be considered. The ultimate cost to the buyer 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.

14.3 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.

14.4 The Lowest Acceptable Bid will be considered further for placement of contract / Supply Order after complete clarification and price negotiations as decided by the Buyer i.e. FSSAI. The Buyer will have the right to award contracts to different Bidders for being lowest in particular items. The Buyer 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.

- 14.5 The successful bidder shall be required to furnish a Performance Security (an amount of 10 % of the total value of the contract) in the form of Account Payee DD / Fixed Deposit receipt or Bank Guarantee from a Commercial bank in an acceptable form (Annexure- 6).
- 14.6 The Performance Security shall remain valid for a period of sixty days beyond the date of completion of all contractual obligations.
- 14.7 **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.
- 14.8. **Termination of Contract:** The Buyer 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 completion of work is delayed due to causes of Force Majeure by more than 10 days provided Force Majeure clause is included in contract.
  - (d) The Buyer/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.
  - (e) 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.
  - (f) As per decision of the Arbitration Tribunal.
  - (g) Non-compliance of applicable statutory obligations, as per law of land by seller/selected firm.
- 14.9 **Notices:** Any notice required or permitted by the contract shall be written in the English language and may be delivered personally or may be sent by FAX or registered pre-paid mail/airmail/e-mail, addressed to the last known address of the party to whom it is sent.
- 14.10. **Transfer and Sub-letting:** The Seller/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.

14.11. **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 Seller/Contractor shall indemnify the Buyer 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 Seller 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.

14.12. **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.

14.13 Failure of the successful bidder to comply with any of the requirements of above clauses shall constitute sufficient grounds for the annulment of the award and forfeiture of Bid Security.

15. **Payment Terms** : The payment to the selected Contractor will be made as per following schedule: -

(a) 15% Advance of total cost- against submission of Bank Guarantee or Fixed Deposit in favour of Sr. Accounts Officer, FSSAI of an equivalent amount.

(b) 35% Advance of the total cost – after completion of approx 50% work as per given specifications/details within the stipulated time frame and to the satisfaction of buyer i.e. FSSAI.

(c)Balance 50% -On completion of entire works and Services/infrastructure as specified & and removal of all items/leftovers from the FDA Bhavan site subject to satisfaction of Head (GA & Legal), FSSAI and AD(GA).

15A. **Paying Authority:**

Paying Authority will be Accounts Division, FSSAI, 3<sup>rd</sup> 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 in acceptable form

(v) Details for electronic payment viz Account holder's name, Bank name, Branch name and address, Account type, Account number, IFSC code, MICR code

## **16. FORCE MAJEURE**

- 16.1 In the event of either party being rendered unable/helpless by Force Majeure to perform any obligation required by them under the contract, the relative obligation of the party affected by such Force Majeure shall be suspended for the period during which such cause lasts. It is clarified that in case, the Force Majeure event occurs due to negligence of agency, then the provisions of this clause shall not apply to the agency.
- 16.2 Upon the occurrence of such cause and upon its termination, the party alleging that it has been rendered unable/helpless as aforesaid thereby, shall notify to the other party in writing within 07 (Seven) days of the alleged beginning and ending thereof giving full particulars and satisfactory proof. If deliveries are suspended under Force Majeure conditions lasting for more than 2 (two) months, FSSAI shall have the option of cancelling this contract in whole or part at its discretion without any liability on its part.

## **17. APPLICABLE LAW AND JURISDICTION**

All matters connected with this work shall be governed by the Indian law both substantive and procedural, for the time being in force and shall be subject to the exclusive jurisdiction of Indian Courts at Delhi.

Tender Form

To,

The AssttDir (GA)  
Food Safety and Standard Authority of India  
Ministry of Health & Model/alike 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), (*description of the goods and services*) 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



**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.	<b>STRUCTURE AND ORGANIZATION</b> 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)

**FINANCIAL STATUS****Name of the Bidder**  

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Description	Financial Years		
	2013-14	2014-15	2015-16
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:

Asstt Director (GA),  
FDA Bhawan, 3<sup>rd</sup> 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 CARRYING OUT COMPLETE INTERIORS, SUPPLY OF FURNITURE ITEMS, AUDIO VIDEO EQUIPT, AIRCONDITIONING SYSTEM, THEIR INSTALLATION AND OTHER MISC. & CIVIL WORK AT FDA BHAWAN, KOTLA ROAD, NEW DELHI-110 002**

{Refer to Para-5.0 to 7.0 of Tender Notice and quote unit rate of description of goods (in quantity) as mentioned in Para-4 (Scope of Work) of tender Notice).

**DETAILED WORK DESCRIPTION**

**PART-A – FURNITURE, FIXTURES, INTERIOR PANELLING& MISCELLANEOUS**

<b>S.No.</b>	<b>Item Decription</b>	<b>Unit</b>	<b>Tentaive Qty</b>	<b>Unit Rate (inRs.)</b>	<b>Amount (inRs.)</b>
1	<p>Providing and Supplying of ergonomically designed fabric upholstered high back revolving chair for Conference Room. 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<sup>3</sup> polyurethane mould and back cushion should be made up of 38mm thick High Density 33±2 Kg/m<sup>3</sup>. 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)</p> <p>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.</p>	Nos	7		

2	<p><b><u>Specifications for conference room revolving chair:</u></b></p> <p>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<sup>3</sup> polyurethane mould and back cushion should be made up of 38mm thick High Density 33±2 Kg/m<sup>3</sup>. 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> <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 conforming 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.</p> <p>Note –. The back and base of the chair should be supplied with fabric upholstered. (Fabric colour shall be approved by concern official )</p> <p>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 )</p> <p>All material should be of high quality used of relevant ISI specification and as approved by the concerned officer.</p>	Nos	110		
3	<p><b><u>Specifications for fixed base cushion chair for conference room :</u></b></p> <p>The back chairs for the conference rooms and meeting rooms shall be low back chair. The arms of the chairs should be black . The chair shall be supplied with PU moulded seat and back .The under structure should be made of tubular cantilever type MS ERW tube black powder coated. The chair shall be supplied with fabric of approved make and shade for seat and back.</p> <p>Note -The back and base of the chair should be supplied with fabric upholstered. All material should be used of relevant ISI specification The dimensions of the chairs should be as follows:</p> <p>Overall Height of chair : 890 mm max.</p> <p>The chair should be preferably the same model/alike as that of conference room chair.</p>	Nos	40		

4	<p>Providing and fixing <b><u>CONFERENCE ROOM Table</u></b> with the following specifications:-  The table is to be supplied in completely knock down conditions for assembly at site.  The construction of the main table shall be free standing structure constructed with the help of mini-fix dowels and pins.  The table should be made up of min 32mm thick MDF board with balancing laminate.  Top is finished with 0.6mm thick post forming laminate of Merino or equivalent make.  The table should have waterfall edge .The foil shall be coated with PU layer for better scratch and wear resistance.  MDF Board shall be of Interior Grade as per IS 12406 : 2003  The table connections have to be made in such a way that no gaps should be seen in between the tables.  The provision of Wire carrier shall be as per manufacturer specifications.</p> <p><b>Table shall be made in following configuration:-</b></p> <p><b>1) Conference Table 21 Seater -2 nos ( 12600mm x 600mm )</b>  <b>2) Conference Table 6 Seater -4 nos ( 3300 mm x 600 mm)</b>  <b>3) Conference Table 1 Seater -4 nos ( 750 mm x 600 mm)</b>  <b>4) Conference Tables – 2 nos ( 1800mm x 600mm )</b>  <b>Note :</b> The seating system design shall be modular / changeable as per drawing attached.</p>	Nos	01		
5	<p><b><u>Specifications for lounge sofa sets:</u></b>  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.</p> <p><b>Three seated sofa shall have overall size of 1800L x 740 D x 740 H mm Two seated sofa shall have overall size of 1300L x 740 D x 740 H mm One seated sofa shall have overall size of 600L x 740 D x 740 H mm</b>  All material should be used of relevant ISI specification and as approved by the concerned officials.</p>	Seat	20		
6	<p><b><u>Specifications for centre table :</u></b>  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</p>	Nos	3		

	<p>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 &amp; centretable should be from the same model/alike.</p>				
7	<p><b><u>Specifications for side table :</u></b> 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 - 550mm (W)x 550mm(D)x 425 mm (H) (min) NOTE: The side table &amp; centretable should be from the same model/alike.</p>	Nos	8		
8	<p><b><u>Specification for Partitions:</u></b> Acoustically treated movable / folding wall partitions of 80mm thick partition filled with sound absorbing and damping layer ( glass wool wrapped in tissue paper) to achieve 50STC acoustic performance, with manual physical operation top and bottom seal mechanism with 1-hour fire rated. Partition having omni-directional manually operated and offer optimum room flexibility. The track system / bearing hinges enables the panels to negotiate angles and intersections and be moved to alternate locations and to be folded and stacked on both sides of the hall. The face finishes are made to coordinate wall panelling style and the surrounding decoration, Stacking methods: Two Side Stacking</p>	Sqm	40		
9	<p>Providing and fixing in position teak veneer ply paneling with appropriate and necessary dash fasteners to ensure stability. The paneling consists of 12mm commercial ply with 4mm th. teak veneer, all teak wood section / teak veneer to be melamine polished 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.</p>	Sqm	400		
10	<p>Providing and fixing in position teak veneer ply paneling made out of frame work of 47 x 47mm M.S. tubes of 18 G thickness fixed to floor placed at 450/600mm (max.) c/c vertical and horizontal supported from existing wall/floor with appropriate and necessary dash fasteners to ensure stability. 50mm thick glass wool wrapped in tissue paper duly filled before ply paneling, the paneling consists of 12mm commercial ply with 4mm thick teak veneer, all teak wood section / teak veneer to be melamine polished and all frame of M.S. work to be properly welded</p>	Sqm	58		

	including 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				
11	Providing and fixing in position wooden paneling on side walls and windows at 4 <sup>th</sup> floor lift lobby area using 12mm BWR ply 4mm thick veneer (first quality) and melamine polishing.	Sqm	25		
12	Providing and Fixing Toughened Glass on wall for writing board, name board etc; as per details below :- (i) 610mmx1220mm toughened glass for using as writing board – 01 Nos (ii) 610mmx1220 mm toughened glass based sign board for display of Names and tenure etc. using sticker based material as per specified nomenclature – 01 Nos (iii) 600mmx450mm sign board using 19mm BWR Board & veneer with polish covered with toughned glass of same size using stickers/film pasted using stainless steel spacers as approved – 02 Nos	Sqm	3.0		
13	Providing & fixing of Pergola in M.S. Structure work with the grid system as mentioned in drawings & design.	Kg	1200		
14	Supplying and installation of modular computer work unit of minimum dimension 1200mm (W) x 600mm (D) x 760mm (H) 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	Nos	20		



	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 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. and to be installed at 3 <sup>rd</sup> and 4 <sup>th</sup> floors.				
15	Providing and fixing low height Cubical shaped Executive Work Station with approx height of 5ft and giving main work station approx size 1250 x 500mm with side table unit approx size 900x450mm with ample storage provisions as per drawing & design, 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	06		
16	Providing and Fixing Meeting Tables 3ftx2ft size standard height 30" high as per approved design using A grade anti termite teak ply or white board finish to write on top to be installed at 3 <sup>rd</sup> and 4 <sup>th</sup> floors. With stainless steel 304 grade baseframe in brush finish.	Nos	08		
17	Providing and Fixing Meeting Tables 5ftx2ft size standard height 30" high as per approved design using A grade anti termite teak ply or white board finish to write on top to be installed at 3 <sup>rd</sup> and 4 <sup>th</sup> floors. With stainless steel 304 grade base frame in brush finish.	Nos	02		
18	Wooden Table with 1mm thickness offwhite laminated and enamel paint inside with storage for small pantry with granite / stone top thereonHxLxD= approx 800mmx900mmx450mm	Nos	02		
19	Providing and fixing blinds of MAC make & approved shades with channels & operating system complete as per direction. (a) Active screen range at 4 <sup>th</sup> Floor Officer Room No.401 (b) Oaken Glow ( officer cabins ) (c) View Max screen (3 <sup>rd</sup> & 4 <sup>th</sup> floor glass windows)	Sqm	21.5		
		Sqm	23.0		
		Sqm	45.0		

20	<p>c) Providing and fixing motor for roller blinds Sonesse 40 RTS 3/30 inc crown/wheel &amp; brackets having torque 3, speed 30/rpm, lifting capacity 10kgs for roller blinds with complete mechanism as per manufactures specifications and as per direction.</p> <p>d) Supplying and placing universal remote controller Tellis 4 modulis RTS pure to operate four motors with one remote as per manufactures specifications &amp; Directions of concerned officer.</p>	Each	4		
21	Providing & pasting imported graphic designer wall paper of 0.5mm thickness on existing walls including adhesive etc complete in Rooms at 3 <sup>rd</sup> and 4 <sup>th</sup> Floors as per approved design by concerned officer.	Sqm	60		
22	<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 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. 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. To be placed on 3<sup>rd</sup> and 4<sup>th</sup> floors at newly created office space area.</p>	Nos	50		
23	Providing and Fixing toughened laminated up to 33mm thick strengthened glass in composition of two or three layers of 10mm toughened glass with two sandwiched layers of 1.52mm thick PVB laminate layer , scratch resistant, frosted and laminated composite Glass for and as part of	Sqm	33		

	Floor Area to cover the existing atrium but allowing the light to pass through, with strength to take load of 100kg per sqm with 33mm thickness or more of first quality which will be layed after making mild steel and frame as per design to give full strength and support keeping in mind all safety features and preventive actions as far as possible. Design of frame attached for reference. The existing fibre sheets curved shed to be demolished and a scaffolding of five floors height to be erected till the job is completely over.				
24	Providing & supplying magazine & newspaper racks for the office use, in size 36" height and 12" width made out of 19mm BWP ply fixed with 4mm thick veneer and 1mm thick laminate as per design, duly polished at all edges with teak wood margin having shelves and or pockets as per the size of magazines or publications, the stand should be free standing without being mounted on any walls with provision of stand or legs as per design.	Each	4		
25	Providing & laying matt finish terrace tiles in the front portion where lounge sitting is to be created, tiles to be layed on cement mortar giving proper rain water slope as per design.	Sqm	90		
26	Providing & fixing new door closers to existing doors in the 3 <sup>rd</sup> , 4 <sup>th</sup> floor and to new doors on the terrace structure using heavy duty door closers of doorking / dorma/ closma / or equivalent make.	Each	12		
27	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	7		
28	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	6		
29	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	6		
30	Providing & fixing unplasticisedpvc triple layer overhead water storage tank	Ltr	2000		

31	<p>Providing &amp; fixing 12mm thick factory made toughened glass of saint gobain or equivalent make for fixed glass partitions and/or doors in all sizes &amp; shapes with all required cuts &amp; holes for stainless steel patch &amp; 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.</p> <p>f) Double cylinder floor spring (heavy duty - 90kg)</p> <p>g) Top patch fitting of Ozone / Dorma / Closma or equivalent make</p> <p>h) Bottom patch fitting with strike plate of ozone/dorma/closma or equivalent/ identical quality make</p> <p>i) Corner patch lock of ozone/ dorma / closma or equivalent make</p> <p>j) H - type or D- type handle (25 x 300mm) of safex / closma or equivalent make</p>	Sqm	70		
32	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	30		
33	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	90		
34	<p>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 to be as decided by EIC / 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</p>				

	managers, + fixing on wall wherever required. a) Having depth of up to 230mm b) Having depth of up to 350mm c) Having Depth of up to 450mm d) Having Depth of up to 600mm including modular stainless steel basket & fitting suitable for below counter kitchen / pantry cabinets for 5 <sup>th</sup> Floor Pantry	Sqm Sqm Sqm Sqm	9 60 3 10		
35.	Supply and placing in position main officer desk/table of the specification of size 2100(w)mmX900(d)mmX750(h) mm. The table top shall be 25mm thick MFC (Melamine Faced Chipboard). The main table should be of duck noise profile edge in order to enhance the work space aesthetics. The material shall be as per manufacture's specifications and as per direction of officer.	Nos	1		
36	Supply and placing in position joining table of the specification/size 1200(w)mmX600(d)mmX750(h) mm with top panel thickness of 25mm using Melamine Faced Chipboard (MFC). The leg of joining table shall be of metal. The material shall be as per manufacture's specifications and as per direction of officer.	Nos	1		
37	Supply and placing in position back unit of the specification/size of 2100(w)mmX470(d)mmX750(h)mm with top panel thickness of 25mm using Melamine Faced Chipboard (MFC). The door panels and all other panels should be 18 mm thick MFC (Melamine Faced Chipboard). The handles shall be of metal. The material shall be as per manufacture's specifications and as per direction of officer.	Nos	1		
38.	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		

39	Providing & fixing double skinned fixed partitions wall with doors or openings wherever required on third & fourth floor 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 upto a height of 1300mm from the floor and the rest of the height upto ceiling height to be enclosed with 6mm thick glass factory made 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	7		
40	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	each	5		
41	Providing & fixing Lavatory in white colour wash basin of Kohler / Jaguar or equivalent make complete as per the direction of the Officer in charge	each	4		
42	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	each	5		
43	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	each	5		
44	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	each	3		
45	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	20		
46	Providing & fixing anti cockroach floor drain cardinetc complete as per the directions of the concerned officer in charge	each	6		
47	Providing & supplying mini fridge for storing minor soft drinks, juices or water bottles for placing inside wooden pantry cabinet	Each	1		

48	Providing & fixing bottle trap of Kohler / Jaguar or equivalent make etc complete as per the directions.	each	4		
49	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 the directions.	each	4		
50	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	each	5		
51	Providing & supplying modular folding food serving imported designer light weight trolley in wooden finish shelves, MS round pipe powder coated frame and wire baskets complete on wheels	Each	1		
52	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	each	21		
53	Providing & fixing Stainless steel paneling in horizontal band shape all along the corridor walls of 3 <sup>rd</sup> & 4 <sup>th</sup> floor in 230mm height in SS 304 grade 22 gauge thick machine moulded on all bends fixed with adhesive on 19mm thick BWP block board duly cut in size and fixed on fastners with all exposed edges finished and fixed with 4mm teak lipping finished with wood primer before fixing SS sheet.	Mtr	225		
54	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	42		
55	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		

56	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. all complete as per directions of Officer in charge	sqm	50		
57	Civil construction of store area on 5 <sup>th</sup> floor level for storage purposes, 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, required electrical works, vitrified tiles flooring, painting complete with aluminum doors & windows	Sqm	32		
58	Providing & fixing 18mm thick gang-saw cut, mirror polished, premoulded & pre-polished, machine cut for kitchen platform, vanity counter, window sills, facias, and similar location of required size, approved shade, colour & texture layed over 20mm thick base cement mortar 1:4 9 1 cement : 4 coarse sand), joints treated with white cement, mixed matching pigment, epoxy touch ups, including rubbing, curing, moulding & polishing to edges to give high gloss finish etc complete at all levels	sqm	20		
59	Providing edge moulding to 18mm thick gang saw cut for kitchen platform, vanity counter, window sills, facias, and similar location of required size, including rubbing, moulding & polishing to edges to give high gloss finish etc complete at all levels	metre	10		
60	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	10		



61	Providing and Fixing 35mm thick BWP flush doors clad 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	12		
62	Providing & injecting chemical emulsion for preconstruction anti-termite treatment & creating a continuous chemical barrier under & around the floor and walls which includes only covered area. Complete as per specifications, with Chloropyriphosemilsifiable concentrate 20% with 1% concentrate	Sqm	600		
63	Providing & fixing curb stone of size 450mmx250mmx75mm or as per the required size in required curved design or pattern outside the main gates of the building complete including labour for fixing and all required fixing materials etc.	Mtr	30		
64	SITC of 36 watts LED down lighter of size 600x600mm direct in the false ceiling recessed type including testing & commissioning complete as required (Phillips/Leolux/wipro/Max or equivalent make) as per design	Each	40		
65	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		
66	Supply and fixing of compact type mirror light fitting suitable for energy efficient 12 watt LED lamp alongwith all accessories i/c S/F 1 No 7 watt LED lamp directly on wall connection etc as reqd.	Each	6		
67	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	6		
68	SITC of 15 watt LED type Down Lighter fitting direct in the false ceiling (Recessed) type i/c testing commissioning and connection etc complete as required (Phillips/Leolux /wipro/Max or equivalent make) up to 150mm in size whether round or square as per design	Each	150		
69	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	12		
70	SITC of essential LED tube Fitting 4' 20w/840 T8 1nd 1200 on surface or cove i/c connection etc as required (Phillips/Leolux/Wipro/Max or equivalent make) of 18 watt LED tube.	Each	30		

71	SITC of Profile LED light fitting in 18mm x 15mm aluminium channels fitted with LED bulbs upto 100pc in each running meter length with SMPS of up to 120 watts max as required in wooden or POP false ceiling.	Mtr	30		
72	SITC of designer hanging lights above conference table in the main conference room / hall of maximum size up to 750mm x 200mm x 200mm fabricated out of fabric or glass on MS powder coated round or square bar frame fitted with CFL or LED bulbs as per design.	Each	12		

## **PART-B DETAILS IN BRIEF FOR VRF AIRCONDITIONING SYSTEM**

S.No.	Description of Items	Unit	Qty	Unit Rate	Amount (inRs.)
<b>1 (A)</b>	<b><u>Installation of Variable Refrigerant Flow System</u></b>				
	Supply, Installation, Testing and commissioning of Modular type outdoor units equipped with highly efficient scroll compressors. Each outdoor unit should have minimum 1 no. variable compressor up to 18 HP, 2 nos. variable compressors upto 32 HP capacity, 3nos. variable compressors up to 54 HP capacity with special heat exchanger, 20- 27 Steps speed control DC motor condenser fan, auto check function for connection error, auto address setting and in built Double Stage Oil Separation to ensure minimum oil entrainment and proper lubrication. The condensing units should be capable for outside ambient 48 Deg. C.				
	24 HP Heat Pump Type- Top Discharge- 100 % INVERTER	Nos	01		
	34 HP Heat Pump Type- Top Discharge- 100 % INVERTER	<b>Nos</b>	01		
<b>2 (B)</b>	<b><u>INDOOR UNIT</u></b>				
	Supply, Installation, Testing and commissioning 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.				
<b>Part B-i</b>	4 way cassette with wired/corded remote				
<b>B-ii</b>	1.59TR/2.0 HP	Nos	01		
<b>B-iii</b>	2.0 TR/2.5 HP	Nos	10		
<b>B-iv</b>	2.65 TR/3.0 HP	Nos	06		
<b>B-v</b>	3.2 TR/4.0 HP	Nos	03		
<b>C</b>	<b><u>Hi Wall Units</u></b>				
<b>C-i</b>	1.5 HP	Nos	02		
<b>D</b>	<b><u>Y-Joints</u></b>	Nos	20		

<b>E</b>	Split 100% Cool only wall mounted Air - conditioners make Mitsubishi with maximum energy efficient i.e 5 or more star rating with complete fitting under buy back of old one split A.C. Complete installation with supportive low side work with no hidden cost				
E-i	1.8TR	Nos	05		
E-ii	1.5TR	Nos	01		
E-iii	1.0 TR	Nos	02		

**Airconditioning Systems other requirements for installations**

<b>S.No.</b>	<b>Description/Items</b>	<b>Unit</b>	<b>Qty</b>		
<b>1</b>	<b>Installation of Variabe Refrigerant Flow System – Setfree</b>				
<b>Part-A</b>	Installation Modular type Set free outdoor units equipped with highly efficient scroll compressors .Each outdoor unit should have minimum 1no.variable compressor variable compressors upto 54HP capacity with special heat exchanger, 27 Steps speed control DC motor condenser fan ,auto check function for connection error, auto address setting and in built Double Stage Oil Separation to ensure minimum oil entrachment and proper lubrication. The condensing units should be capable for outside ambient 48 Deg. C.				
<b>A-1</b>	<b>Installation, Testing and Commissioning Outdoor Unit</b>				
	24 HP	Nos	1		
	34 HP	Nos	1		
	<b>Indoor Units</b>				
	Installation, testing and commissioning of <b>SETFREE INDOOR</b> units , address setting and capacity as mentioned below. Multispeed motor, Coil Section with DX Coil, Outer Cabinet, drain pan mechanism insulation, pipe connections, fresh air intake connector and individually controlled louver setting for cassettes and concealed unit above 3 HP having higher air quantity of 400 CFM/tr etc. of various capacities as per OEM (Hitachi) specifications.				
<b>B.1</b>	<b>Cassette Units</b>				
	1.59TR/2.0 HP	Nos	1		
	2.0 TR/2.5 HP	Nos	10		
	2.65TR/3.0 HP	Nos	6		
	3.2 TR/ 4.0 HP	Nos	3		
<b>B.2</b>	<b>Hi-Wall Units</b>				
	Wall Mounted Split Type : 1.5 HP	Nos	2		
	Corded Remote	Nos	20		
	MS Stand for Outdoor Unit Mounting	Nos	2		

<b>2.</b>	<b>Refrigerant Piping, Drain Piping and Cabling</b>				
	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 HITACHI STD & specifications, all piping inside the room shall be properly supported with MS hanger.				
	41.3 ( with 19 mm Insulation )	RMT	59		
	34.9 ( with 19 mm Insulation )	RMT	65		
	28.6 ( with 19 mm Insulation )	RMT	59		
	22.2 ( with 19 mm Insulation )	RMT	65		
	19.1 ( with 19 mm Insulation )	RMT	55		
	15.9 ( with 19 mm Insulation )	RMT	95		
	12.7 ( with 19 mm Insulation )	RMT	49		
	9.5 ( with 19 mm Insulation )	RMT	95		
	6.4 ( with 19 mm Insulation )	RMT	55		
<b>3.</b>	<b>Cable Tray</b>				
	Providing and fixing of GI cable tray with properly support complete with GI threaded.				
	Cable Tray for copper piping (300 mm) without cover	RMT	20		
	Cable Tray for copper piping (150 mm) without cover	RMT	20		
<b>4.</b>	<b>Supply, installation, testing &amp; commissioning of Refnet Joints</b>	Nos.	20		
<b>5.</b>	Providing and fixing rigid PVC piping complete with fittings, supports as per HITACHI Standards & specifications and duly insulated with 6 mm thick closed cell nitrile rubber insulation.				
	32 mm dia	RMT	76		
	40mm dia	RMT	35		
<b>6.</b>	Supply & fixing of control cum transmission wiring of Copper Conductor Cable alongwithConduite for looping between indoor & outdoor VRF System & to main Central remote controller system				
	2 C X .75 Sq mm	RMT	344		
<b>7.</b>	Cassette Frames – Welding	Nos.	20		

**PART-C     DETAILS OF AUDIO VISUAL EQUIPMENT/ITEMS REQUIRED**

S.NO	Product	Make	Model	Total Qty	Unit Rate (inRs.)	Amount (in Rs.)
	<b><u>Display Items</u></b>					
1	HD LED 55" full HD Displays and HDMI connectivity with wall mount	Panasonic or Samsung or LG	55dm300dx, ED55D, 55SE3KB	10		
2	5000 lm, WUXGA, HDMI, LAN, USB Type A/B, 12W Spk, HDBaseT	Sony or Panasonic or EPSON	VPL CH375 PT-VZ575ND Z10000U	1		
3	Motorised Screen with LVC	Liberty GrandView	-	1		
4	Projector Lift with LVC	Imported	-	1		
5	HD LED 75" Displays with wall mount	Samsung or Panasonic LG	ED75E TH-75EF1W 75LS53A	1		
6	Laptop connectivity enclosure with Two Multi Region Power Socket and 4 holes	Custom	Imported	1		
7	4K/UHD HDBaseT TX/RX with Three-Input Switcher, Ethernet, Control, and PoE	Atlona or Extron or Crestron	AT-HDVS-150-TX+HDVS-150-RX DSC-301 DM-TX-201-C	1		
8	4K/UHD 230ft (70m) HDBaseT TX/RX with PoE	Atlona or Extron or Crestron	AT-UHD-EX-70-KIT DTP HDMI 4K 330Tx+DTP HDMI 4K 330Rx DM-TX-AK-202-C+DM-RMC-4K-100-C	15		
9	1x4 HDMI Distribution Amplifier (4Kx2K)	Atlona or Extron or Crestron	AT-HDDA-4 DA4-HD-4K HD-DA4-4K-E	2		
10	1x8 HDMI Distribution Amplifier (4Kx2K)	Atlona or Extron or Crestron	AT-HDCAT-8 DVI-DA8-Plus HD-DA8-4K-E	1		
11	4K/UHD 4x4 HDMI Matrix Switcher	Atlona or Extron or Crestron	AT-UHD-H2H-44M DXP-44HD-4K DM-MD6X4	1		
12	Wireless Collaboration Gateway	Wepresent or Extron or Crestron	Wepresent Sharelinks AM-100	4		

13	Two-way in-ceiling loudspeaker, 6.5" LF & 1" Tweeter, 8Ohm/60 Watts, 60Hz - 20KHz , White – PAIR	Apart or Extron or JBL	CM608 SF-26X Control-24C	10		
14	Two Channel High Impedance Amplifiers – 100 Watts Per Channel	Crown or Extron or Crestron	XLS-1002 XPA-4002 AMP-32105	1		
15	Wireless Handheld Microphone	AKG or Sennhieser or Bayerdynamic	Perception Wireless Handheld XSW35-A Opus-669	2		
16	Wireless Lapel microphone	AKG or Sennhieser or Bayerdynamic	Perception Wireless Lapel XSW12-A Opus-654	2		
17	Manual Mixer	Yamaha or Soundcraft or Behringer	MG06 EPM6 XENYX-802	2		
18	Wirless Unit	Bayerdynamic or Sennhieser or AKG	Quinta CU ADN-CU1-EU CS3-BU	1		
19	Delegate Microphones with Gooseneck Microphone 500mm/20"	Bayerdynamic or Sennhieser or AKG	Quinta MU 21+Classis GM 115 Q ADN-W D1-BA CS3-DU	12		
20	Omnidirectional antenna for Quinta CU, triple-band 2,4/5,2 / 5,8 GHz, N(HF) female connector, for ceiling mounting with Antenna cable for Quinta, Cable with very low attenuation, N(HF) plugs, length 20 m (66 ft.)	Bayerdynamic or Sennhieser or AKG	CA Q14+CA Q 32 ADN-W AM RA4000	2		
21	Single charger and power supply for Quinta	Bayerdynamic or Sennhieser or AKG	CA-2459 ADN-W L10-EU CU400	7		
22	VGA, HDMI Cable, Speaker Cable, Mic Cable, UTP Cable	Custom	LOT	1		

23	Equipment Rack	Indigenous	-	1		
24	Installation , Commissioning, Documentation	A2V	A2V	Lot		
25	Handy cam with Exmore R CMOS sensor	SONY	CX 405	1		
26	Tripod	Sony	VCT R-100	1		

#### **PART-D Details of Outside Landscaping on Terrance Open Area**

S. No.	Item Description	Unit	Qty.	Unit Rate	Amount
<b>A</b>	<b>Dismantling</b>				
1	Demolishing of Brick Work manually/ by mechanical means including disposal of unserviceable material from site & usable material to be stake at site as per direction of concerned official.	Cum	1.00		
2	Demolishing/ Chipping of Existing Stone / Tiles from floor manually/ by mechanical means including disposal of unserviceable material & usable material to be stake at site as per direction.	SQM	320.00		
3	Removal of Malba from site	truck	9.00		
<b>B</b>	<b>CC &amp; RCC Work</b>				
1	Providing and laying in position Cement Concrete 1:4:8 (1cement : 4coarse sand :8 graded stone aggregate 20mm nominal size & Coarse Sand) excluding the cost of centering and shuttering.	Cum	15.00		
2	Providing & laying Reinforced cement concrete 1 : 1.5 : 3 (1cement : 1.5coarse sand :3 graded stone aggregate 12-20mm nominal size & Coarse Sand) excluding the cost of centering and shuttering.	Cum	6.00		
3	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.	Sqm	23.00		

4	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete	Kg	300.00		
a	Cold Twisted bars of grade FE-500D				
<b>C</b>	<b>Masonry Work</b>				
1	Brick work with bricks of class designation 75 in Super structure in cement mortar 1:6 (1cement:6 coarse sand of zone-II)	CUM	5.00		
2	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	100.00		
3	Curved Shape 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	80.00		
4	Extra for providing and placing in position 2 Nos. 6mm dia M.S. bars at every third course of half brick masonry ( with F.P.S. bricks ).	SQM	180.00		
5	<b>Brick bat coba waterproofing</b>				
	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.				
	The item also 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)	Sqm	33.00		



<b>D</b>	<b>Finishing Work</b>				
1	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	280.00		
2	Providing and applying wall putty of approved make and quality over plastered surface to prepare the surface even and smooth complete.( Birla putty)	Sqm	130.00		
3	Providing and applying 100% heat insulating & thermal resistant, high quality, external Apex paint coating of approved make including a priming coat on the surface and applying by brush two subsequent coats of paint of approved shade, color, texture & design. The rate shall include erection of scaffolding at all levels, applying three coats at an interval of 4-6 hours between each coat etc. all complete as per the satisfaction of the orgn.	Sqm	70.00		
4	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	100.00		
5	Finishing with Synthetic Enamel paint ( two or more coats ) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete.				
	On steel surface	Sqm	160.00		
<b>E</b>	<b>Flooring</b>				
1	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 150/sft)	SQM	6.00		

2	Providing & fixing 18mm thick machine cut Udaipur Marble/ Yellow Jaisalmer stone (as per sample approved by the Architect) in flooring/ treads/ landings and similar locations as per approved design & drawing laid over 20mm thick base cement mortar 1:4(1cement :4 coarse sand) with joints treated with cement, mixed with matching pigment including curing, rubbing & polishing etc. complete.	Sqm	65.00		
3	Extra for fixing Udaipur Green Marble/ Yellow Jaisalmer stone over and above corresponding basic item, in border, facia and drops or similar locations, of width up to 150mm including cleaning etc. complete.	RMT	145.00		
4	Providing & laying 40 mm thick marble chips flooring, rubbed and polished to granolithic finish, under layer 28 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) and top layer 12 mm thick with white, black, chocolate, grey yellow or green marble chips of sizes from 7 mm to 10 mm nominal size, laid in cement marble powder mix 3:1 (3 cement : 1 marble powder) by weight in proportion of 2:3 (2 cement marble powder mix : 3 marble chips) by volume, including cement slurry etc. complete :	Sqm	160.00		
5	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 considerbasic rate Rs 150/sft ( for rounder patterns)	Sqm	70.00		
6	Providing & fixing Exterior Grade floor 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 all around as per detail drawing etc. complete considerbasic rate Rs 90/sft	Sqm	25.00		
7	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 50/sft	Sqm	45.00		
8	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 all around as per detail drawing etc. complete consider basic rate Rs 90/sft	Sqm	50.00		

9	Providing & fixing Exterior Grade Designer Mosaic floor Tile as per approved color, shade & pattern laid on 18 mm thick cement mortar 1:4 (1cement:4 coarse sand) as per detail drawing etc. complete consider basic rate Rs 800/sft	Sqm	15.00		
10	Providing & fixing 30mm thick machine cut Sand Stone(as per sample approved by the Architect) in coping and similar locations as per approved design & drawing laid over 20mm thick base cement mortar 1:4(1cemend :4 coarse sand) with joints treated with white cement, mixed with matching pigment including curing etc. complete with edge nosing polishing etc. (Basic Rate of Stone: Rs. 90/- per Sft)	Sqm	25.00		
<b>F</b>	<b>STRUCTURE WORK</b>				
1	Supplying & installation of 8 mm dia. SS rope with hooks & jointers	Rmt	150.00		
2	Supplying & 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	6000.00		
<b>G</b>	<b>Plumbing &amp; Drainage</b>				
1	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 and making good the walls.				
a	20mm nominal outer dia pipe	RMT	30.00		
b	25mm nominal outer dia pipe	RMT	30.00		
c	32mm nominal outer dia pipe	RMT	24.00		
d	40mm nominal outer dia pipe	RMT	18.00		
2	Providing, fixing UPVC Pipes for drainage:( including fixing of required M.S. clamps ,bends and providing lead caulked joints to pipes and fittings complete).				
a	40 mm dia soil pipe	RMT	12.00		
b	75 mm dia soil pipe	RMT	24.00		
c	110 mm dia soil pipe	RMT	10.00		
3	Providing and fixing 110mm UPVC Nahani Trap.	Nos.	6.00		
4	Providing and fixing 125mm S.S. grating over Nahani Trap.	Nos.	6.00		
5	Providing and fixing BIB COCK	Nos.	6.00		
6	Providing & Fixing CPVC Ball Valve				

a	20mm nominal outer dia pipe	Nos.	3.00		
b	25mm nominal outer dia pipe	Nos.	2.00		
c	32mm nominal outer dia pipe	Nos.	1.00		
d	40mm nominal outer dia pipe	Nos.	1.00		
<b>H</b>	<b>Electrical</b>				
1	Wiring for Light/ Fan/ 6 amp point/ 16amp point along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed PVC conduit as required.				
a	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	Rmt	50.00		
b	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Rmt	100.00		
c	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Rmt	100.00		
d	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	Rmt	10.00		
2.00	Supply and Fixing of 6 pin 16/6 amp 240 volt weather proof power switch socket switch complete with all accessories as per specifications and as required.	Nos	10		
3.00	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:	No.	1.00		
	<b>4 WAY TPN DB</b>				
	INCOMER :				
	1 no. 40A, FP MCB/ RCCB				
	Outgoings				
	12 Nos. 6A/10A/16A/20A/25A SP MCB's, as specified in drawings.				
	<b>Light Fixtures</b>				
1.00	LED Up- Lighters (Weather Proof)	Nos	8.00		
2.00	LED Down- Lighters (Weather Proof)	Nos.	7.00		
3.00	LED Wall Bracket Lights (Weather Proof)	Nos	12.00		
<b>I</b>	<b>Miscellaneous Work</b>				
1	Providing & fixing 32mm th.seasonedMiranti wood/ Canadian Pine wood planks with necessary hardware on existing MS frame complete with coating of linscid oil.	Sqm	20.00		

**SIGNATURE OF BIDDER WITH SEAL AND DATE**

**Annexure-5**  
**(Part-II for AMC)**

**AMC Rates – VRF Airconditioning System at Top Floor, FDABhawan, New Delhi – 110 002**

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/warrantee 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 <sup>rd</sup> Year	4 <sup>th</sup> Year	5 <sup>th</sup> Year	Total Charges for three years
(A)	VRF Hitachi Air Conditioning System using Cassette Type Indoor Units for Air Flow/Circulation as per specification given in RFP	VRF Air Cooled (Cool and Hot)	Approx 45KWp				
(B)	<b>Total (in Rs.)</b>						

**Grand Total Amount for Three Years (03 Yrs) (excluding taxes) =**

**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 Interior works, supply & installation of Furniture/Fixtures, Audio/Visuals Equipment/Items and VRF Air-conditioning System all Complete ready to use on turnkey basis at top/terrace floor of FDA Bhawan and various misc jobs at 3<sup>rd</sup> & 4<sup>th</sup> floors, FDA Bhawan, Kotla Road, New Delhi-110002 for Rs. \_\_\_\_\_ (Rupees in figures and words) (hereinafter called the “contract”) to M/s \_\_\_\_\_ (Name of the contractor (hereinafter called the “contractor”)).
  
3. 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).
  
4. 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.
  
5. 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 or 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 or 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.

6. 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).
7. 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.
8. The Guarantee hereinbefore contained shall not be affected by any change in the Constitution of the Bank of the contractor.
9. 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.
10. 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**

<b>S No.</b>	<b>Details</b>	<b>Yes / No</b>	<b>Remarks</b>
<b>01.</b>	Enclose DD for Rs.500/- in favour of Sr. Accounts Officer, FSSAI towards the cost of Tender Documents		
<b>02.</b>	DD for Rs.10,00,000/- (Rupees Ten Lakhs Only) in favour of Sr. Accounts Officer, FSSAI towards EMD.		
<b>03.</b>	Tender Form : Annexure – 1		
<b>04.</b>	Tender document duly signed and stamped on each page.		
<b>05.</b>	Bidder Profile – : Annexure – 2		
<b>06.</b>	Financial Status : Annexure – 3		
<b>07.</b>	Letter of Authority : Annexure–4		
<b>08.</b>	Price-Bid : Annexure – 5		
<b>09.</b>	Undertaking to be submitted- Annexure-8		
<b>10.</b>	Power of attorney in favour of Signatory		
<b>11.</b>	Enclosed Xerox copy of PAN Card		
<b>12.</b>	Enclosed Xerox copy of VAT / CST Registration Certificate		
<b>13.</b>	Enclosed Xerox copy of Service Tax registration certificate		
<b>14.</b>	Enclosed Xerox copy of EPF/ESI Registration Certificate		
<b>15.</b>	Attached the copies of the financial statements, including all related notes and income statement for the last three Financial years i.e. 2013-14, 2014-15 and 2015 – 16.		
<b>16.</b>	Enclosed copy of work order / contract for at least 03nos of job value of Rs.150 lakhs each or more or have done the job of 02 nos of contracts valuing Rs.250 lakhs or more or 01 Nos of job valuing Rs.400 lakhs or more for similar nature of job in Govt. Organisation.		

Note: Please note that in case if any of the documents mentioned in above is/are not enclosed, bid will be rejected summarily.

**SIGNATURE OF BIDDER WITH SEAL AND DATE**



**UNDERTAKING**

1. In case my/our company/firm is selected for the work pertaining to Interiors, Supply of Furniture Items, Audio Video Equipment, Air-conditioning System and their installation at FDA Bhawan, Kotla Road, New Delhi-110002 based on cumulative lowest price quoted for various components (i.e. **overall lowest cost quoted for Annexure-5/price bid**), I / we hereby undertake to agree to match the lowest rate quoted for each individual component / Annexure by any other firm, even where my company/firm quotes are not the lowest.

2. I also fully understand that in case of any failure to comply with above undertaking or with any other terms and conditions of the tender, my/our contract can be partially or fully cancelled and awarded to any other agency at my entire risk and cost.

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Name of Firm/Company: \_\_\_\_\_

Place: New Delhi

Dated: \_\_\_\_\_ 2017