

**कोरिजेन्डम-॥**  
**Corrigendum – II**

**National Backward Classes Finance & Development Corporation**  
(A Govt. of India Undertaking, Ministry of Social Justice & Empowerment)

No.:NBCFDC/HR&A/Renovation Tender/2019

Date : 09.09.2019

**SUBJECT :** General Civil and Interior Renovation works for NBCFDC at 5th Floor, NCUI Building 3, Siri Institutional Area, August Kranti Marg, New Delhi-110016

**Revised Schedule**

S.N.	Particulars	Time line
1	टेंडर प्राप्तिके लिए अंतिम तिथि और समय Last Date & Time for receipt of Tender	25.09.2019 (17.00 Hrs)
2.	टेंडर खोलने की अंतिम तिथि और समय Date & Time of opening of Tender	26.09.2019 (11.00 Hrs)

**PART-1 TECHNICAL BID**

<b>Section – III BID QUALIFICATION CRITERIA</b>		
Criteria	Existing	Revised
<b>1.0 FINANCIAL CRITERIA:</b>	1.1 Average Annual Financial Turnover (similar work) of the bidder during the last three years, ending March 2019, shall be at least Rs. 2.5 Crore.	<b>1.1 Average Annual Financial Turnover (similar work) of the bidder during the last three years, ending March 2019, shall be at least Rupees One Crore (1Cr.)</b>

**PART 2 FINANCIAL BID**

The modification in Bill of Quantities (BOQ) - O16 to O19 have been amended (indicated in red colour).

**\* Prospective Bidders are requested to note the corrigendum and submit their bids accordingly.**



**National Backward Classes Finance & Development Corporation**  
**5th Floor, NCUI Building, 3, Siri Institutional Area, August Kranti Marg, New**  
**Delhi-110016**

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**E-mail: nbcfdc@del3.vsnl.net.in**

**TENDER DOCUMENT**

**FOR GENERAL CIVIL AND INTERIOR RENOVATION WORKS FOR NBCFDC AT**  
**5TH FLOOR, N.C.U.I. BUILDING**  
**3, SIRI INSTITUTIONAL AREA, AUGUST KRANTI MARG, NEW DELHI-110016**

**PART 2 FINANCIAL BID**

**M/s ABRD ARCHITECTS**

**INTERIOR DESIGNERS**

**C-22, Golf View Apartments, Saket, New Delhi-110017**

**CONTACT NO. – 9810137551 (M) 01146542974 (O)**

**Mail Id:- abrdarchitects@gmail.com**

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## **SECTION – VII PREAMBLE TO BILL OF QUANTITIES**

### **I. GENERAL**

This Preamble is to be read in conjunction with the description of various items given in the Bill of Quantities (BOQ). These items are deemed to be a part of the BOQ and shall be read along with the same. The rates quoted for various items in BOQ are deemed to include the various provisions made herein. Whether specifically mentioned or not in the BOQ, the requirements given below shall be deemed to be included:

#### **1. Abbreviations**

BWP - Boil Water Proof  
M.S. - Mild Steel  
O.B.T. Wood - Old Burma Teak Wood  
B.T.W. - Burma Teak Wood  
C.P. Teak Wood - Central Province  
Teak Wood  
Rmt. - Running Meter  
Sqm. - square  
Meter Cum. - Cubic Meter  
T.W. - Teak Wood  
Q.R.O. - Quote Rate only  
C / C - Centre to Centre  
C.M. - Cement Mortar  
M.T. - Metric Ton  
C.P. - Chrome Plated No. - Number/Each  
MM - Millimeter  
G.I. - Galvanized Iron  
A.C. - Asbestos Cement  
C.I. - Cast Iron

All dimensions are in mm unless otherwise stated.

- 2.** The quoted rate shall be all inclusive and cover the cost of material including wastage, freight, all types of taxes except GST, duties, royalties, erection, construction, testing of materials, samples brought for approval, tools and tackles, plant and equipment, supervision, overheads, profit and any other expenditure incurred for completion of work as per drawings, specifications and to the full satisfaction of Architect/NBCFDC.
- 3.** The rates quoted shall be valid for working at all heights, depths and on all floor levels. No extra payment shall be made for scaffolding, staging, ladders, etc., for transportation of men and material at higher or lower levels.
- 4.** The contractor shall have to carry out the work in accordance with the drawings, technical specifications and / or other conditions laid down in tender document and to the full satisfaction of Architect/NBCFDC.

5. Rates for doors shall include all hardware brass/stainless steel Heavy duty hardware, locks, special door handles, door buffers etc. as specified in relative items. Size and type of door closer / floor-spring shall be suitable for types of door. The contractor shall give guarantee for performance of door closer / floor- spring from himself as well as from manufacturer.
6. Rates for painting and polishing shall include cleaning or glass panels, fans, floor, etc.
7. After completion of work the site shall be handed over absolutely clean, after ensuring that all laminates, floors, walls, etc. are spotless clean.
8. Rates of all items shall remain constant irrespective of floor level and no extra shall be paid for handling and stacking of material, removing debris etc. from the site.
9. Contractor shall clean the site and mark the lining out on the floor for partition/table etc. with brown adhesive tape for approval. The same shall not be paid separately.
10. All pipes and fittings shall emerge at tile joints preferably. No fittings or pipe shall be taken out by breaking tiles.
11. Wherever contractor proposed to use "equivalent" makes (i.e. other than specified) he shall obtain corporation's prior approval. Corporation may consult Consultants before giving approval to the same. Any additional cost and time lost due to this shall be on Contractor's account and no claims shall be entertained.
12. The back of marble slab shall be applied with white cement paste before fixing.
13. The contractor shall take approval for make & manufacturer from the Architect/NBCFDC before using any material which does not appear in the list of approved manufacturers.
14. All internal framework, if in wood/wood substitute to be coated with wood preservative & fire retardant paint from approved make.
15. The grade of plywood conforming to relevant IS specification (IS-710-1976) shall be used unless otherwise specified.
16. Rate for all items include materials, labor, testing of materials at laboratory or site, tools & tackle, lift & lead charges, transportation charges, loading - unloading charges, insurance cover as per tender, all taxes & duties including works Contract Tax except GST (Goods and Services Tax) Polishing & painting charges wherever applicable, arranging

in position, cleaning, making mock-up etc. up to the entire satisfaction of Project-in-charge.

- 17.** Rate of framework for partitions shall include cost of cutting slots & providing additional supports for electrical conduits, switches, accessories or fixtures, A.C., ducts, monument boxes etc. as per markings given by respective contractors.
- 18.** All rates shall be inclusive of providing & fixing T.W. edge binding strips of 6 mm thickness for exposed edges of plywood & polishing the same.
- 19.** Rate of all types of false ceiling shall include fixing required wooden sleeves or supports & making openings for ducts, grills, light fixtures, speakers, all types of detectors, indicators; finishing of joints, making grooves in required profile as per details in the false ceiling or between false ceiling & wall / partition with required wooden strips, etc., for which no extra payment shall be made.
- 20.** All exposed wooden & plywood unfinished work shall be finished with 3 coats of melamine polishes of approved shade & color unless otherwise specified.
- 21.** All materials which shall be brought on site shall be of approved make & manufacturers failing which payment shall be deducted suitably from every running bills/final bill. Percentage of the same shall be assessed by Architect/NBCFDC and they at their discretion either to ask contractor to remove / rectify the same or to decide the new proper rate of that particular item.
- 22.** Colors, Shades of laminate, Paints, Polish shall be exclusively approved by Architect/NBCFDC only. No violation, deviation shall be accepted in the case.
- 23.** Laminate shall be used of 1 mm thk only for exposed sides unless otherwise specified.
- 24.** Hardware's such as Locks, Handles, Hinges, Tower Bolts, Ball Catches etc. shall be as per Hettich/Geze & Hafele . Alternative makes shall be used for these accessories after getting approval of consultants / owner in case of non- availability in market.
- 25.** All the drawers & trays of Desk units & Credenza units shall have telescopic drawer's fittings including stoppers systems.
- 26.** The colors, shades of melamine polish shall be as approved by Consultants. No violation shall be permitted in any of the item. 3 or more coats of melamine polish shall be applied wherever specified.

- 27.** Items of flush doors such as laminated doors, glass paneled doors and glass doors shall be including the rates of handles, locks, springs, hinges, wooden door frames as per the instructions given by Architect/NBCFDC.
- 28.** The rates for storage units shall be all inclusive of hardware's such as locks, handles, demountable hinges/normal but hinges, tower bolts, ball catches, etc. The mode of measurements for storage units shall be front elevation area only unless otherwise mentioned in the item.
- 29.** The similar design of glass doors & glass partitions shall be adopted unless otherwise specified. Rate of glass doors/ rate of glass partitions shall be all inclusive of hardware that of mentioned in clause no. 36 above.
- 30.** The payment shall be made based on actual work measured on site by Owner/ Architect representatives.
- 31.** The furniture rates shall be quoted including that of providing necessary wire managers, making holes on table, table glass surface tops and in side units if required to take the cable out to the table top.
- 32.** No extra payment shall be made for additional aluminum/wooden supports require to be provided for glass partitions where only front elevation area including the support finished surface shall be measured and paid accordingly.
- 33.** All ply woods, ply boards, shall have edge binding strips finished with melamine / wax polish as applicable.
- 34.** The inside surfaces for all storage area shall be finished with 0.8 mm laminate /2 or more coats of enamel paint as specified in the respective item.
- 35.** All drawers to furniture shall have sliding drawer channels of approved make.
- 36.** All rates shall be inclusive of providing & fixing T.W. Edge Binding strips of 6mm thickness for exposed edges of plywood & polishing the same.
- 42.** All sizes of wooden sections specified in the items stated under are with permissible tolerance & for best quality teak wood.
- 43.** All brass fittings / fixtures shall have oxidized finish except Knobs & magnetic catches unless specified otherwise.
- 44.** All shutters with locking arrangement shall be provided with brass Shoe for key holes and magnetic catches.

45. All wooden frameworks shall be treated with fire-retardant Paint & anti-termite treatment. All internal faces of skinning & other wood work shall be treated with both the above mentioned treatments from inside.
46. For items of painting & polishing the rate quoted shall be valid for any width.
47. All materials and workmanship shall comply with relevant latest BIS standards, whether the reference nos. are specifically mentioned or not.
48. The plywood of various thicknesses i.e. 4mm and above shall be of marine ply variety bonded by phenol formaldehyde resin by hot pressing conforming to IS: 710-1976.
49. The flush door shall be 35mm/approved thick and solid core of block board type bonded with phenol formaldehyde synthetic resin thermo pressed with 8 mm thick teak wood external lipping unless specified in item. The finish of shutter shall match the adjoining partitions and shall be either laminate or decorative veneer to match the adjoining partition. Wherever the side of the flush shutter abuts plastered surfaces, it shall be finished with matt finish laminate. The rate quoted in flush doors shall include finishing all surfaces to design patterns as in drawing.
50. Wherever edges of polished Italian Marble/Granite either in cladding or in table tops are exposed, the quoted rate shall include chamfering of edges and polishing of edges. Wherever polished granite is specified in floor or in cladding, the quoted rate shall include lying according to patterns or designs required by the Consultants. No extra payment shall be made towards cutting and wastage in formation of patterns and designs.
51. All hardware fittings shall be of best quality stainless steel of approved make and design unless specified otherwise in the item specification.
52. The electrical installation shall be carried out through a Licensed Contractor who possesses valid License to work in DELHI issued by the Electrical Licensing Authority.
53. The Bidder is required to inspect the site of the work and ascertain for himself site conditions, facilities available and other aspects before quoting for the work. The bidder is also required, before quoting, to carefully peruse the tender documents, the tender drawings and connected details so as to understand clearly the scope and intent of the tender. Any claims by the successful bidder at a later date on account of his failure to comply with the above instructions shall not be



entertained.

54. The bidder shall note that the furniture and connected works are to be carried out and installed in the existing building. The bidder shall note that he shall execute his part of the work without causing any damage to any component of the building or services. Any damage so caused shall be made good at the cost and risk of the successful bidder. The successful bidder shall protect all other items of his work from other agencies from any damage and shall be responsible for final clearing of the floor, walls etc. before handing over. No extra is payable towards this the successful bidder shall include in their bid the rate all minor civil works such as chasing wall, drilling hooks etc. and making good and no extra is payable towards this. Neat housekeeping at all shapes of work is the responsibility of the successful bidder, who shall also ensure that removal of debris, wood shaving, waste materials etc. from the site at his own cost is organized at regular basis. The successful bidder shall also be responsible for safety and security of all his materials and also for ensuring fire prevention steps are taken at all times.
55. The bidder shall note that the tender drawings and other documents describing each item of the schedule are only indicative in nature and cannot be taken as complete in detail and finishes. Being tender for interior works which calls for workmanship and finish including use of good quality materials of high standard, it is expected that the bidder shall understand the intent of the tender drawings and specifications and provide for materials, workmanship, finishes and accessories appropriately so as to deliver the product of high standards in keeping with the function for which the furniture is being specified. No claim from the contractor at a later date shall be entertained for his failure to understand this condition. The decision of Architect/NBCFDC in respect of the quality of materials, type of construction, fabrication / assembling, workmanship, finish, etc., shall be final and binding and the contractor's claim for not providing in his tender for such materials, construction, workmanship and finish cannot be entertained.
56. Architect/NBCFDC reserve the right to insist on selection of material, workmanship, detailing and finishes which they consider are appropriate, and suitable for the intended use. The contractor is not eligible for claims to extra on this account.
57. Architect/NBCFDC reserve the right to insist on prototype/mock-up to be made for each item of work for approval before starting the full-fledged manufacture of each type of furniture. The mock up items shall be paid in respective items.
58. Architect/NBCFDC reserve the right to suggest or make modification at

- the prototype /mock-up stage which the contractor shall comply with without any extra cost.
59. Architect/NBCFDC shall require the contractor to produce samples of all materials, accessories/finishes prior to procurement / manufacture. Failure to comply with these instructions may result in rejection of the work.
60. All the works done under this contract shall be guaranteed for a period of one year from virtual date of completion of works certified by Architect/NBCFDC covering, materials, workmanship and finish. Any defects or shrinkage, warping or other forms of deterioration shall be made good by the contractor at his own cost within the guarantee period, immediately on being informed of such defects. Failure to comply shall entail NBCFDC to unilaterally decide on getting the repair done through other agency at the cost and risk of the contractor.
61. The contractor shall use only the best material. Teakwood or other timber specified shall be of the best quality, free of defects of any kind. All plywood, particle board, laminate etc., shall comply with respective Indian standard (BIS). If required by Architect/NBCFDC, the contractor shall be required to arrange for testing products and produce test certificate from recognized test houses to establish the quality of materials at his own cost. Any defective material not meeting with the standard shall be replaced at the contractor's own cost. Manufacturer's test certificates for all items have to be obtained and submitted to client time to time.
62. The bidder shall indicate the makes of all the finishing materials with catalogues in his tender, based on which rates have been quoted. The bidder shall be prepared to produce samples when called for before consideration of the tender further at his own cost and responsibility and without any liability on **NBCFDC**.
63. The dimensions of furniture provided in the schedule as well as in drawing are likely to vary according to the size of space available in the respective rooms where they are to be provided or placed. Architect/NBCFDC have the right to slightly modify the dimensions of furniture items to suit the site for which no extra claim shall be entertained.
69. The contractor shall provide and retain the following at site, during course of project to take care of any fire exigencies.  
Fire extinguishers - 2 nos.DCP / 2  
nos. CO2 One FIRST-AID box

70. The normal working hours for carrying out the interior job shall be from 8.00 A.M up to 7.30 PM on working days (from Monday to Friday) and shall be 8.00 AM to 6.30 PM on Saturdays, Sundays and all holidays. However the work can be continued during the night hours subjected to the permission given by the EIC and no complaints received from neighbors and police etc in line with the prevailing statutory regulation. It may be noted that the floors above and below are occupied by other corporate and sound making work may have to be limited during the office hours in order to avoid stoppage of work for which no extra claim from the party shall be entertained.

## **II SPECIFIC CONDITIONS**

1. The various works described in the Bill of Quantities and in the drawings shall be executed in strict accordance with the specifications and drawings to the entire satisfaction of the Architect/NBCFDC. The quality of materials and workmanship shall be of high quality and shall conform to the relevant I.S. Specifications wherever applicable. The successful bidders shall be required to produce for Consultants approval samples of all materials and procurement shall be arranged only after specific approval. Samples of finished work shall also be shown for Consultants approval wherever directed and finished work shall conform strictly to the approved samples. The decision of the Consultants in this matter shall be final.
2. The bidders shall ensure that the place of work is kept neat and tidy during the progress of work and also clean at the end of each day's work. The contractor shall also ensure that the site is cleared of all rubbish, and other unwanted materials and handed over in a neat and satisfactory conditions as may be directed by Architect/NBCFDC.
3. The bidders shall take maximum precaution in protecting persons, things and properties belonging to the NBCFDC, Public and also their own during the progress of work. The bidders shall be solely responsible for any damage caused during the progress of work and the successful bidder shall indemnify the NBCFDC by suitable guarantee / insurance cover from any claims on any account due to damages caused during their work.
4. Pre-measurements to be recorded for all the dismantling items before starting of work.
5. Site meetings shall be held regularly once in a week, if necessary meeting shall be held in between also. The contractor or their authorized representative would be present for the meeting to take instruction and carry out the same for execution.
6. The contractor shall maintain measurement books in which he shall

record measurements of work done from time to time and checked by the Architect/Site Engineer. There shall be no corrections or over writing in the measurements

7. The Contractor on starting the work shall herewith furnish to the Consultants a programme for carrying out the work stage by stage with in the stipulated time. A graph or chart on individual work shall be maintained showing the progress week by week. The Contractors shall submit to the Architect a weekly progress report stating the number of skilled and unskilled laborers' employed on the works, working hours done, quantity of cement used, place, type and quantity of work done during the period.
8. All the toilets in the floor shall be kept under lock and key, out of which one toilet shall be earmarked for use by workers. After completion of work, the toilet shall be thoroughly cleaned including replacement of broken fittings etc. by the Contractors and handed over to NBCFDC. Any cost incurred in such cleaning, modifications etc. shall be proportionately recovered from various Contractors engaged in the work.
9. The Contractor shall engage an independent Housekeeping – debris removal agency on a day-to-day basis. Hence Contractor would be responsible for cleaning up the debris and waste materials accrued from his work and dispose the accumulated debris on a daily basis. If the Contractor fails to comply with this requirement, the Employer shall be at liberty to direct the cleaning agency to do the regular cleaning responsibility.
10. Architect/NBCFDC reserve the right to delete all /any of these associated works from the scope or include them prior to placement of work order. If awarded, the main agency shall get the associated works carried out only through approved sub- specialist in each trade if specified in the BOQ. Such works shall be done to satisfy standards of Architect/NBCFDC and also to meet their requirements and specifications of **NBCFDC**. Any suggestions / modifications suggested by Architect/NBCFDC for integrating these associated works with the main system of **NBCFDC** shall also be got done by the main agency to the satisfaction of Architect/NBCFDC. No extra cost is payable on account of executing works through the approved agency for integrating the same with **NBCFDC's** overall scheme or implementing the suggestions given by Architect/NBCFDC. The contractor may note that they have to do day to day coordination with other agencies already mobilized in site for executing other related jobs
11. The Contractor shall strictly follow and comply with the guidelines (which are applicable to them) given in NBCFDC during execution.

### III MODE OF MEASUREMENTS

Unless otherwise stated in the Schedule of Quantities the method of measurement for various items in the tender shall be generally in accordance with the IS: 1200 subject to the following

#### a) DEMOLITION WORK:

Pre-measurements to be recorded for all dismantling items before starting of the work.

#### b) WOOD WORK:

No extra measurements shall be given for the shape, joints of the partitions counter, tables work etc. All work shall be measured net as fixed. No extra measurement shall be given for shape, joints, played meeting styles of doors and windows and shall be measured in unit of square meter.

Areas over one face inclusive of exposed frame thickness (excluding width of cover mould) shall be measured in case of T.W. Doors, Windows and Ventilators, Louvers. Portions in masonry or flooring shall not be measured.

#### c) PAINTING, WHITEWASHING, COLOUR WASHING & DISTEMPERING:

All painting work shall be measured in Sq. Meters.

Net area of the surface painted shall be measured. No deductions shall be made for unpainted surfaces of ends of joints, beams, posts, etc., and opening not exceeding

0.5 Sq. Meters each and no addition shall be made for reveals, jambs, soffits, sills, etc., of these openings.

The following multiplying factors for obtaining equivalent areas shall be

adopted: - Paneled, Framed, Measured flat  $1 \frac{1}{3}$  (for each side)

Ledged, braced and (Not girthed)

Battened Including Frames, edges, Checks, cleats, etc. Item

Flush, Part -- do -- 1 (for each side)

Paneled and part

Glazed or glazed.

Partition, Paneling Sqm. area one side only

Storage units Sqm. Area/RM as specified - front elevation.

Staff desk Units Per number, Single unit-Double unit, Refer Specific item in BOQ Fascia, Band, Skirting Total running length in metres measured. Sill board fascia skirting along bottom edge, regardless of the shape on top A.C. Fascia Running meter-running length of the Facia.

False ceiling Sq m. area-finished length finished width.  
No deduction for A.C. grills, lights & Cut-outs drop to be measured  
separate in Sqm. Soffit Sqm. total finished length x total finished  
Depth (width including drop of pelmet, if any)  
Side units Sqm/RM same as specified in  
storage item (Height x Elevational length)  
Venetian Blinds Total Sqm area covered.  
Carpet and other floor as laid Sqm area. No wastage coverings to be added.  
Window sill Total RM along the finished edge for the Specified thickness  
Rounding off measurement: All measurements shall be rounded off to  
nearest second decimal point e.g. 21.465m shall be recorded as 21.47m.  
or 21.464 m shall be recorded as 21.46m.

**BOQ OF GENERAL CIVIL AND INTERIOR RENOVATION WORK OF OFFICE FOR NATIONAL BACKWARD CLASSES FINANCE AND DEVELOPMENT CORPORATION AT 5TH FLOOR, N.C.U.I. BUILDING, 3, SIRI INSTITUTIONAL AREA, AUGUST KRANTI MARG, NEW DELHI**

**SUMMARY**

<b>S.NO.</b>	<b>DESCRIPTION</b>	<b>Amount in Figure</b>	<b>Amount in Words</b>	<b>Amount with GST in Figure</b>	<b>Amount with GST in Words</b>
<b>PART A</b>					
<b>A</b>	DISMANTLING				
<b>B</b>	CIVIL WORK				
<b>C</b>	JOINERY WORK				
<b>D</b>	INTERIORS				
<b>E</b>	FINISHING				
<b>F</b>	CHAIRS				
	<b>PLUMBING &amp; SANITARY WORKS</b>				
<b>G</b>	PH WORK, CP FITTING & SANITARY FITTINGS				
	<b>ELECTRICAL WORKS</b>				
<b>H</b>	POINT WIRING AND EQUIPMENT				
<b>I</b>	SUPPLY AND INSTALLATION OF LIGHTING FIXTURES				

	<b>HVAC WORKS</b>				
<b>J</b>	HVAC EQUIPMENT				
<b>K</b>	HVAC PIPING				
<b>L</b>	AIR DISTRIBUTION				
<b>M</b>	INSULATION				
<b>N</b>	ELECTRICAL INSTALLATION				
	<b>TOTAL OF PART A</b>				
<b>PART B</b>					
<b>O</b>	FURNITURE				
	<b>TOTAL OF PART B</b>				
<b>P</b>	<b>TOTAL OF PART A &amp; PART B</b>				

Sign. of Contractor's

Date of Submission



**BOQ OF GENERAL CIVIL AND INTERIOR RENOVATION WORKS OF OFFICE FOR NATIONAL BACKWARD CLASSES FINANCE AND DEVELOPMENT CORPORATION AT 5TH FLOOR, N.C.U.I. BUILDING, 3, SIRI INSTITUTIONAL AREA, AUGUST KRANTI MARG, NEW DELHI**

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
<b>A</b>		<b>DISMENTALLING</b>								
<b>A1</b>	NS	<b>DISMANTLING CEMENT CONCRETE ALL TYPES</b>								
		Dismantling of cement concrete / RCC by manual / mechanical means and removal / disposal of debris to the satisfaction of site engineer. The debris or dismantled product to be taken away from the building premises To any unobjectionable area within / municipal dump yard valid order from Engineer in charge/ Architect All including cartage and transportation. The item includes necessary labour, scaffolding, all tools and tackles to remove the same as required at site . All Item to be include getting for approved by Engineer in charge / Architect.	Cum	0.13						
<b>A2</b>	NS	<b>REMOVAL OF EXISTING FLOORING / TILES</b>								
		Preparation of existing floor / toilet walls by way of hackling, removal of tiles if required and cleaning the surfaces to a maximum depth of 50 mm. The debris or dismantled product to be taken away from the building premises. To any unobjectionable area within / municipal dump yard valid order from Engineer in charge / Architect All including cartage and transportation. Item to be include getting for approved by Engineer in charge / Architect.	Sqm	165						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
<b>A3</b>	NS	<b>REMOVAL OF ALL TYPES OF DOORS AND WINDOWS</b>								
		Removal of all types of doors and windows including all fixtures, disposal of debris making area dust free and clean and stacking the same in / outside building safety and taking away from the building premises to any unobjectionable area by transporting it to within 40 kms radius of the listed site address at Delhi with in 48 hours of the shift order from Engineer in charge / Architect. The item includes transportation, loading and unloading of the material in any unobjectionable place, item to include getting for approved by Engineer in charge / Architect making area dust free and clean. The item includes all tackles and tools, required scaffolding etc. with all labour with electrical accessories to tap from nearest power point etc. item to be include getting for approved by Engineer in charge / Architect.	Nos.	15						
<b>A4</b>	NS	<b>DISMANTLING OF BRICK WORK</b>								
		Dismantling of brick work by manual / mechanical means and removal disposal of debris to the satisfaction of site engineer. The debris of dismantled product to be taken away from the building premises to any unobjectionable area / municipal dump yard near to the listed site address at Delhi and within 24 hours of valid order from Engineer in charge, All including cartage and transportation. The item includes necessary labour, scaffolding, all tools and tackles to remove the same as required at site . All item to be include getting for approved by Enginner in charge / Architect.	Sqm	4.31						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
<b>A5</b>	NS	<b>DISMANTLING OF PARTITION</b>								
		Dismantling of partitions by manual / mechanical means and removal disposal of debris to the satisfaction of site engineer. The debris of dismantled product to be taken away from the building premises to any unobjectionable area / municipal dump yard near to the listed site address at Delhi and within 24 hours of valid order from Engineer in charge, All including cartage and transportation. The item includes necessary labour, scaffolding, all tools and tackles to remove the same as required at site . All item to be include getting for approved by Engineer in charge / Architect.	Sqm	153.36						
<b>A6</b>	NS	<b>DISMANTLING OF FALSE CEILING</b>								
		Dismantling of false ceilings by manual / mechanical means and removal disposal of debris to the satisfaction of site engineer. The debris of dismantled product to be taken away from the building premises to any unobjectionable area / municipal dump yard near to the listed site address at Delhi and within 24 hours of valid order from Engineer in charge, All including cartage and transportation. The item includes necessary labour, scaffolding, all tools and tackles to remove the same as required at site . All item to be include getting for approved by Engineer in charge / Architect.	Sqm	6.72						
<b>A7</b>	NS	<b>DISMANTLING OF CERAMIC TILES ON WALLS</b>								
		Dismantling of ceramic tiles on walls by manual / mechanical means and removal disposal of debris to the satisfaction of site engineer. The debris of dismantled product to be taken away from the building premises to any unobjectionable area / municipal dump yard near to the listed site address at Delhi and within 24 hours of valid order from Engineer in charge, All including cartage and transportation. The item includes necessary labour, scaffolding, all tools and tackles to remove the same as required at site. All item to be include getting for approved by Engineer in charge / Architect.	Sqm	25						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
A8	NS	Dismantling of miscellaneous items like Existing Furniture, Storage Units, Sanitary Fittings, C.P. Fittings, Pipes, Conduits etc. in existing walls by manual / mechanical means and removal disposal of debris to the satisfaction of site engineer. The debris of dismantled product to be taken away from the building premises to any unobjectionable area / municipal dump yard near to the listed site address at Delhi and within 24 hours of valid order from Engineer in charge, All including cartage and transportation. The item includes necessary labour, scaffolding, all tools and tackles to remove the same as required at site. All item to be include getting for approved by Engineer in charge / Architect.	L.S.	1						
<b>TOTAL OF DISMANTLING</b>										
<b>B</b>		<b>CIVIL WORK</b>								
<b>B1</b>		<b>115 mm thk Brick work</b>								
	6.13.1	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:3 (1 cement :3 coarse sand)	Sqm	27.52						
<b>B2</b>		<b>PLASTER</b>								
		<b>12 mm cement plaster</b>								
	13.1.1	1:4 (1 cement: 4 fine sand)	Sqm	55.04						
<b>B3</b>	NS	<b>DIGITAL WALL TILE</b>								

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		Providing and fixing Digital Wall tile of Johnson (Retro Decor) (size 300 x 300) or similar in specific an to make like (NITCO,ORIENT BELL& KAJARIA) (thickness to be specified by the manufactures) with water absorption less than 0.08% and conforming to IS : 15622 of approved make in all colours and shades, laid on 12 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) including grouting the joints with white cement and matching pigments etc. complete. In case the tiles have to be fixed on existing bed, then tile adesive (Bal endura, Ruff or equivalent with star white quality) with adhesive thicknes of 4 mm to be used without any extra charges. (For Toilets walls) Please note that the rates shall be inclusive of providing and finishing 4mmX4mm groove filled with Bal - Endura adhesive epoxy between each tile strictly as per detailed floor design item to be completed in all respects as per drawings & instructions from Engineer in charge / Architect. <b>Approved Makes :- ORIENT BELL, NITCO &amp; KAJARIA</b>	Sqm	50.3						
<b>B4</b>	NS	<b>TOILET WATER PROOFING</b>								
		Providing and laying water proofing treatment in toilet etc., by applying cement slurry mixed with water proofing cement compound consisting of applying: (a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry item to be completed in all respects as per drawings & instructions from Engineer in charge / Architect. <b>Approved Makes :- Pidilite, Sikka &amp; Fosroc.</b>	Sqm	25						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
B5	NS	<b>VITRIFIED TILES 600 X 600 MM</b>								
		Providing and fixing Vitrified tile (Polished Double charged - Vogue flayer Series of ORIENTBELL, thickness to be specified by the manufactures or equivalent brands like (NITCO) with water absorption less than 0.08 % and conforming to IS : 15622 of approved make in all colours and shades, laid on 12 mm thick cement mortar 1:3 (1 cement :3 coarse sand) including grouting the joints with white cement and matching pigments etc. complete. In case the tiles have to be fixed on existing bed, then tile adesive (Balendura, Ruff or equivalent with star white quality) with adhesive thicknes of 4 mm to be used without any extra charges. (i) Size of Tiles 80x80 cm. Rates shall be inclusive of providing and finishing 4mm x 4mm groove filled with Bal - Endura adhesive epoxy between each tile stricktly as per detailed design and drawing to be complete advised by Engineer in charge / Architect. <b>Approved Makes:- ORIENTBELL, Kajaria &amp; Johnson.</b>								
		DGVT - 600 X 600	Sqm	150						
		DGVT - 300x300	Sqm	50						
B6	11.48	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in-charge.								
		Size of Tile 600x600 mm / 300x300mm	Sqm	200						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
B7	NS	Providing and fixing stone slab with table rubbed, edges rounded and polished of size 75x50 cm deep and 1.8 cm thick, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in-charge and finished smooth.								
		Granite Stone of approved shade	Sqm	0.375						
<b>TOTAL OF CIVIL WORK</b>										
<b>C</b>		<b>JOINERY WORK</b>								
C1		Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).								
	9.1.1	Second class teak wood	Cum	0.040						
C2		Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and 1.5mm thk. Laminate on both faces of shutters, inclusive of all hardware, door closer, mortice lock etc. all complete as per directions of the engineer in charge.								
	9.20.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	6.72						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
C3	NS	Extra over above for making a sliding door shutter along with all necessary hardware, rail etc. all complete as per directions of the engineer in charge.	L.S.	1.00						
C4	NS	P/F of Trap door in False Ceiling - Frame for Trapdoor made with 50x50mm Teak Wood Framework, trap door openable panel made with 20mm thk. Both side laminated MDF all complete with frame and sides polished as per directions of Engineer in Charge.	Sq.m.	3.00						
<b>TOTAL OF JOINERY WORK</b>										
<b>D</b>		<b>INTERIOR WORKS</b>								
D1	NS	<b>GYPSUM BOARD PARTITIONS</b> Providing and fixing partition upto ceiling height consisting of G.I. frame and required board, including providing and fixing of frame work made of special section power pressed / roll form G.I. sheet with zinc coating of 120 gms/sqm(both side inclusive), consisting of floor and ceiling channel 50mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed	Sqm	32.7						



S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x 0.5 mm), joint finisher and two coats of primer suitable for board as per manufacture's specification and direction of engineer in charge all complete.								
		through cracks, M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x 0.5 mm), joint finisher and two coats of primer suitable for board as per manufacture's specification and direction of engineer in charge all complete.								
		75 mm overall thickness partition with 12.5 mm thick double skin fire rated board conforming to IS: 2095: part I								

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
D2	NS	Providing and Fixing 1200 high low height parition made with 50x50 Hardwood framework, 12mm ply on both sides covered with 1.0mm laminate on both sides and 20 MDF Coping on top including all hardware, finishing etc. complete as per directions of the engineer in charge	Sqm	24.36						
D3	NS	<b>GLASS DOORS</b>								
		Providing and Fixing frameless doors with patch fittings consisting of 12 mm thick clear toughened glass with DORMA (PT standard). Patch fittings such as PT 24 top pivot, PT20-top patch PT-10-bottom patch US 10 corner lock with EPC, lock keeper plate and floor spring DORMA BTS75V conforming to DIN EN1154 with adjustable spring strength EN (1-4), leaf weight upto 130 kg. The above work complete in all respect as per approved drawings and to the satisfaction of engineer-in-charge / architect consultant. For doors with more closer type BTS 80 higher type (eg. EN6) without back check.								
a.		<b>(Size of Door - 1000 W x 2100 H)</b>	Each	2						
b.		<b>(Size of Door - 900 W x 2100 H)</b>	Each	3						
D4	NS	<b>FRAMELESS GLASS FIXED PARTITION</b>								
		Providing and Fixing Fixed glass partition and manual glass doors with S/S patch fitting frameless glass partition with 12mm clear toughened glass with DORMA (PT standard). Patch fittings such as PT-24-top pivot, P120-top patch PT10-bottom patch, US 10 corner lock with EPC, lock keeper plate, PT-40top patch with over panel PT-90 central connector, PT-91corner connector, PT92 side connector, 'H'pul) handle spring DORMABTS75V conforming to DIN EN1154 with adjustable spring strength EN (1-4). The above work complete in all respect as per approved drawings and to the satisfaction of engineer-in-charge / architect consultant.	Sq.m.	42						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
D5	NS	Privacy Films; Providing and fixing Privacy Films on Glass Partitions and Glass Doors	Sq.m.	52						
D6	NS	<b>TECHZONE FALSE CEILING</b>								
		ACOUSTICAL CEILING TILE OF SIZE 600x1200 - Providing and fixing of Techzone Suspended ceiling system or equivalent with sand textured mineral fibre tiles 16mm thick with 15mm exposed grid system. (General Office Areas)	Sqm	125						
		The Techzone ceiling system has a ceiling module of 1200x1350 and the on centre spacing between two adjacent technical zones is 1350 mm. The Techzone orientation is such that the main runners run parallel to the technical zone and hence making this layout compatible with continuous lighting fixtures or Air diffusers. Field panel is of size 600x1200x16mm. The 150mm wide technical zone formed is where the technical elements like lighting fixtures & air diffusers would be installed. Where there are no technical elements the technical zone would be covered by using mineral fibre tile Technical Panels of size 1200mm x150mm in conjunction with a special 150mm long cross tee.								
		The ceiling panels should have Humidity Resistance (RH) of 99, NRC 0.5, Light Reflectance ≥85%, Thermal Conductivity k = 0.052 - 0.057 w/m K, Colour White, Fire Performance UK Class 0 / Class 1 (BS 476 pt - 6 &7), suitable for Green Building application, with Recycled content of 32%. The panels shall be laid on 15 mm wide T - section flanges with 38mm web height, colour white having rotary stitching on all T sections i.e. the Main Runner & 1200 mm Cross Tees with a web height of 38mm. The T Sections have a Galvanizing of 90 grams per M2 with pull out strength of minimum 100 Kgs and need to be installed with suspension system.								

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
	26.27	Providing and fixing mineral fibre false ceiling tiles at all heights of size 595X595mm of approved texture, design and pattern. The tiles should have Humidity Resistance (RH) of 99%, Light Reflectance > 85%, Thermal Conductivity k = 0.052 - 0.057 w/m K, Fire Performance as per (BS 476 pt - 6 &7)in true horizontal level suspended on interlocking T-Grid of hot dipped all round galvanized iron section of 0.33 mm thick (galvanized @120 gsm) comprising of main T runners of 15x32 mm of length 3000 mm, cross T of size 15x32mm of length 1200 mm and secondary intermediate cross T of size 15x32 mm of length 600 mm to form grid module of size 600x600 mm suspended from ceiling using galvanized mild steel								
		item Galvanised@80gsm) 50 mm long 8mm outer diameter M-6 dash fasteners, 6 mm diameter fully threaded hanger rod up to 1000 mm length and L-shape level adjuster of size 85x25x2 mm, spaced at 1200 mm centre to centre along main 'T'. The system should rest on periphery walls / partitions with the help of GI perimeter wall angle of size24x24X3000 mm made of 0.40 mm thick sheet, to be fixed to the wall with help of plastic rawl plug at 450 mm centre to centre & 40 mm long dry wall S.S. screws. The exposed bottom portion of all T-sections used in false ceiling support system shall be pre-painted with polyester baked paint, for all heights. The work shall be carried out as per specifications, drawings and as per directions of the engineer-in-charge								

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
	26.27.1	With 16 mm thick beveled tegular mineral fibre false ceiling tile (NRC 0.55 to 0.6	Sqm	20						
<b>D7</b>		<b>GYPSUM FALSE CEILING</b>								
	12.45.1	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to	Sqm	25						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with 12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- Part I. <b>Approved Makes:- Saint Gobin (Gyproc)</b>								
<b>D8</b>	NS	Providing and fixing change room / toilet cubicle (of following standard dimension which includes 600mm door size width) made of heat, bacteria, water, chemical, scratch, impact and anti bacterial resistant 12mm thick solid compact laminate panels. Finish of the compact laminate should be suede, which includes doors, pilasters and intermediate panels finished with approved texture / shade as per the detail drawings as per IS 2046 (Indian Standard) and as per fire retardant BS-476/97 standard. Panel is anchored to the wall with SS 304 grade U & F Channel. This also includes providing and fixing in position necessary hardware made out of stainless steel (Grade 304) as per manufacturer's specification & instruction of Engineer-in-charge like (1) SS Door Knob, (2) SS Gravity Hinges,	Sqm	3.57						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		(3) SS Thumb turn lockset with occupancy indicators, (4) SS coat hooks with door stopper (5) SS U-channels, (6) Adjustable foot/ pedestal, (7) SS Top Rectangular rail (8) Rubber noise deafening tape, (9) screws & wall plugs. The top fitting should consist of SS top rectangular rail. SS wall fixing is used only on the wall which will hold the SS top rail. All screws will of 304 Grade in stainless steel with satin finish. All pilasters are supported by stainless steel bottom cladding. The base of the stainless steel bottom cladding will be anchored to the floor."								
		<b>NOTE: The mode of measurement for payment purpose shall be per sqm area of laminated panels . For combined cubicles the common partition shall be measured only once for payment. Nothing extra will be paid on account of lamination of both sides. Doors also will be measured as plain panels.</b>								
		<b>TOTAL OF INTERIOR WORK</b>								
<b>E</b>		<b>FINISHING WORKS</b>								
<b>E1</b>	NS	<b>TEXTURE PAINT</b>								
		Providing and applying 'Premier Emulsion Texture Paint' of approved make and shade on all surfaces & at all heights in three coats including scaffolding, preparing the surface by brushing and brooming down, applying primer, patti & a coat of white cement putty etc. complete The dry / wet cleaning of floors / pipes / glass etc. after painting is to be carried out. Item to include all accessories, tools & labour, men material & Lift upto 5 mts. scaffolding with all cleaning, depropping, clearing complete. Item to include getting mock-up for 2 sqm area approved by Engineer in charge / Architect / Engineer in-charge. <b>Approved Makes:- Heritage marketing &amp; Asian Paint</b>	Sqm	250						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
E2	NS	<b>PLASTIC ACRYLIC EMULSION PAINT</b>								
		Providing and applying two coats of Premier plastic / Acrylic emulsion paint approved make and colour / shade over a coat of water based primer including preparation of surface by through cleaning as per manufacturer's specifications fully to give an even shade as approved and curing as per manufacturers specifications and as directed. Item to include all accessories, tools and labour, men material and lify up to 10 mtrs. Scaffolding with all cleaning, depropping, clearing complete. Item to include getting mock up for 2 sqm area approved by Engineer in charge / Architect. <b>Approved Makes :- Dulux &amp; Asian Paint</b>	Sqm	750						
		<b>TOTAL OF FINISHING WORK</b>								
F		<b>CHAIRS</b>								
F1	NS	<b>Main Chair in Sr. Manager Cabin (C1)</b> The seat shall be made of injection molded plastic outer and inner. Plastic inner shall be upholstered with fabric and moulded polyurethane foam of density 67+/-2kg/m <sup>3</sup> , and hardness load 16+/-2kgf as per IS:7888 for 25% compression. The cushioned back shall be made of PU foam with molded MSERW oblong Tube of size 3.5+/-0.03cm x 1.5+/-0.02cm x 0.2+/- 0.016cm. It shall be upholstered with fabric. The dimensions of seat shall be- 46.0cm(W) x 48.0cm(D) and of back shall be 45.8cm(W) x 62.8cm(D). The armrest top shall be moulded from polyurethane and mounted on to a drop lift adjustable type tubular armrest support made of dia 3.81° +/-0.03cm x 0.2+/-0.01 cm thick MSERW tube. Armrest height adjustable upto 6.5+/-0.5cm in 5 steps.. The mechanism of the chair shall have following features : 360 revolving type, Active Bio-synchro mechanism, Tilt tension adjustment, 5-position tilt limiter giving option of variable tilt angle to the chair. Seat/Back tilting ratio of 1:2. The chair shall be provided with pneumatic height adjustment which shall have stroke of 10.0 +/- 0.3 cm.	Nos.	2						



S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		Seat depth adjustment shall be integrated in the seat through a sliding mechanism. Seat depth adjustment range shall be 6.0+/-0.5cm. Back frame shall be connected to the Up/Down mechanism housed in plastic T spine. it can be adjusted in the range of 7.42+/-0.5 cm for the comfortable back support to suit individual need. The pedestal shall be injection moulded in black 33% GF Nylon66. it shall be fitted with 5 nos twin wheel castor. The size of the pedestal shall be 66.1+/- 0.5 cm pitch-centre-dia (76.1 +/- 1.0 cm with castors). The twin wheel castors shall be made of PP. Overall dimensions of Chair shall be, Width of Chair - 76.1cm, Depth of Chair - 76.1 cm as measured from pedestal below. Height from ground - min 99.2 to max 116.7cm. Seat height - min 43.6 to max 53.6cm. Dimensions tolerance / variations shall be within +/- 1 cm. <b>Approved Makes:- HNI, Goodrej, Steelcase</b>								
<b>F2</b>	NS	<b>Visitor chair in sr. manager cabin of GOODREJ make (C2)</b> The cushioned seat is made of Injection molded Plastic outer & inner. Plastic Inner is upholstered with foam laminated fabric and moulded High Resilience Polyurethane foam of Density 45±2 kg/m <sup>3</sup> for 25% compression. Seat SIZE : 46.0 cm. (W)* 48.0 cm. (D). The cushioned back is made of PU Foam with insitu molded MS E.R.W Round Tube of size 1.9±0.03cm * 0.16 ±0.0128cm. It upholstered with foam laminated fabric. BACK SIZE : 46.6CM (W) * 59.6 CM. (D) The armrest top is moulded from olyurethane(PU) and mounted on to a drop lift adjustable type tubular armrest support made of 3.81±0.03 cm * 0.2±0.01 cm thk MS E.R.W tube. The Aremrest structure is powder coated (DFT 40-60 micron).The back connected to frame through powder coated (DFT 40-60 micron) high pressure die cast connector piece. Overall size of the chair shall be WIDTH (W) : 60.9 CM.*DEPTH (D) : 64.3 CM.*HEIGHT (H) :98.2 SEAT HEIGHT (SH) : 44.6. <b>Approved Makes:- HNI, Goodrej, Steelcase</b>	Nos.	4						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
F3	NS	<b>Bravo Midback Chair in open cabin (C3)</b> - Providing and placing Green Guard certified (VOC emissions within permissible limits of International standard and product should be duly certified from a reputed lab for VOC Emissions within permissible limits) mid back Chair of these at and back should be made up of 1.2 cm. thick hot-pressed plywood, upholstered with fabric upholstery covers and moulded Polyurethane foam. The back foam should be designed with contoured lumbar support for extra comfort. The seat should have extra thick foam on front edge to give comfort to popliteal area as per bifma standards. Back SIZE : 47.5 cm (W) x 58.0 cm (H) SEAT SIZE : 47.0 cm. (W) x 48.0 cm. (D) 2) POLYURETHANE FOAM: The Polyurethane foam should be moulded with density = 45 +/-2 kg/m3 and Hardness = 20 +/- 2 at 25% compression. ARMRESTS: The one- piece armrests should be injection moulded from black Co-polymer Polypropylene. CENTER TILT SYNCHRO MECHANISM : The mechanism should be designed 360 Degree revolving type. • Upright position locking. •	Nos.	7						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		Tilt tension adjustment. • Seat/back tilting ratio of 1:3 (60 seat tilt/180 back tilt) PNEUMATIC HEIGHT ADJUSTMENT : The pneumatic height adjustment should have an adjustment stroke of 12.0 cm. TELESCOPIC BELLOW ASSEMBLY : The bellow should be 3 piece telescopic type and injection moulded in black Polypropylene. PEDESTAL ASSEMBLY : The pedestal should be injection moulded in black 30% glass-filled Nylon and fitted with 5 nos. twin wheel castors. The pedestal is 66.0cm pitch-center dia. (76.0 cm with castors.) 8) TWIN WHEEL CASTORS : The twin wheel castors should be injection moulded in 30% Glass Filled black Nylon. <b>Approved Makes:- HNI, Goodrej, Steelcase</b>								
F4	NS	<b>Visitor Chair in open cabin (C4)</b> -Vesa Canvas in open cabin and reception .The cushioned seat is made of Injection molded Plastic outer & inner. Plastic Inner is upholstered with foam laminated fabric and moulded High Resilience Polyurethane foam of Density 45±2 kg/m <sup>3</sup> for 25% compression. Seat SIZE : 46.0 cm. (W)* 48.0 cm. (D). The cushioned back is made of PU Foam with insitu molded MS E.R.W Round Tube of size 1.9±0.03cm * 0.16 ±0.0128cm. It upholstered with foam laminated fabric. The armrest top is moulded from polyurethane(PU) and mounted on to a drop lift adjustable type tubular armrest support made of 3.81±0.03 cm * 0.2±0.01 cm thk MS E.R.W tube. The Aremrest structure is powder coated (DFT 40-60 micron).The back connected to frame through powder coated (DFT 40-60 micron) high pressure die cast connector piece. Overall size of the chair shall be WIDTH (W) : 60.9 CM.*DEPTH (D) : 64.3 CM.*HEIGHT (H) :98.2 SEAT HEIGHT (SH) : 44.6 . <b>Approved Makes:- HNI, Goodrej, Steelcase</b>	nos.	10						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
F5	NS	<b>Bravo Midback Chair for workstation (C5):-</b> Providing and placing Green Guard certified (VOC emissions within permissible limits of International standard and product should be duly certified from a reputed lab for VOC Emissions within permissible limits) mid back Chair of these at and back should be made up of 1.2 cm. thick hot-pressed plywood, upholstered with fabric upholstery covers and moulded Polyurethane foam. The back foam should be designed with contoured lumbar support for extra comfort. The seat should have extra thick foam on front edge to give comfort to popliteal area as per bifma standards. Back SIZE : 47.5 cm (W) x 58.0 cm (H) SEAT SIZE : 47.0 cm. (W) x 48.0 cm. (D) 2)POLYURETHANE FOAM: The Polyurethane foam should be moulded with density = 45 +/-2 kg/m3 and Hardness = 20 +/- 2 at 25% compression. ARMRESTS: The one- piece armrests should be injection moulded from black Co-polymer Polypropylene. CENTER TILT SYNCHRO MECHANISM : The mechanism should be designed 360 Degree revolving type	Nos.	20						
		.• Upright position locking. • Tilt tension adjustment. • Seat/back tilting ratio of 1:3 (60 seat tilt/180 back tilt) PNEUMATIC HEIGHT ADJUSTMENT : The pneumatic height adjustment should have an adjustment stroke of 12.0 cm. TELESCOPIC BELLOW ASSEMBLY : The bellow should be 3 piece telescopic type and injection moulded in black Polypropylene. PEDESTAL ASSEMBLY : The pedestal should be injection moulded in black 30% glass-filled Nylon and fitted with 5 nos. twin wheel castors. The pedestal is 66.0cm pitch-center dia. (76.0 cm with castors.) 8) TWIN WHEEL CASTORS : The twin wheel castors should be injection moulded in 30% Glass Filled black Nylon. <b>Approved Makes:- HNI, Goodrej, Steelcase</b>								

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
F6	NS	<p><b>2 Seater Sofa (FR-14)</b> of Width 146.0 Cm, Depth 92Cm, Height 82 Cm, Seat Height 45Cm. Seat made of PU Foam Density 32+/-2Kg/cu.mt having an additional layer of PU foam of density 28+/-2 Kg/Cu.mt. Back made of PU Foam Density 28+/-2Kg/cu.mt having two additional layer of super soft faom of density 23+/-2 Kg/Cu.mt. Understructure is made of 1.2 mm thick hot pressed Plywood. 4mm Dia zigzagspring assemebly is mounted in understructure for additional cushioning purpose. Leg welded Assembly is of stailless Steel (Grade SS 202) Tube &amp; Plate.</p> <p><b>Approved Makes:- HNI, Goodrej, Steelcase</b></p>	Nos.	2						
<b>TOTAL OF CHAIRS</b>										

**BOQ OF GENERAL CIVIL AND INTERIOR RENOVATION WORKS OF OFFICE FOR NATIONAL BACKWARD CLASSES FINANCE AND DEVELOPMENT CORPORATION AT 5TH FLOOR, N.C.U.I. BUILDING, 3, SIRI INSTITUTIONAL AREA, AUGUST KRANTI MARG, NEW DELHI**

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
<b>G</b>		<b>PH WORK, CP FITTING &amp; SANITARY FITTINGS</b>								
<b>G1</b>	NS	<b>EUROPEAN WC WALL HUNG</b>								
		Providing and fixing White wall hung wc with PP Soft Close Seat Cover, Hinges, accessories set, size: 370x515x400 mm. There shall be a pair of rack bolt of Jaquar Make SLS-WHT-6951 to hang the seat. Rate shall be inclusive of cutting, grooving making good the walls, providing and fixing of all necessary fittings etc. complete.as approved by Architect / Engineer-in-charge, men material and lift up to 20 mts., installed. Item to be completed in all respects as per drawings & instructions from Engineer in charge / Architect. <b>Approved Make:- Jaquar, Kohler, Hindware.</b>	Each	3						
<b>G2</b>	NS	Providing and fixing of Toilet Roll Holder of Jaquar Make CAN-CHR-1151N. Rate shall be inclusive of cutting, grooving making good the walls, providing and fixing of all necessary fittings etc. complete as approved by Architect / Engineer-in-charge, men material and lift up to 20 mts., installed Item to be completed in all respects as per drawings & instructions from Engineer / Architect. <b>Approved Make:- Jaquar, Kohler, Hindware.</b>	Each	3						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
G3	NS	Providing and fixing of hand shower of Jaquar Make cat no. ALD-CHR-573 (Health Faucet with 8mm dia) 1.2 Meter Long flexible Tube and wall hook. Rate shall be inclusive of cutting, grooving making good the walls, providing and fixing of all necessary fittings etc. complete as approved by Architect / Engineer-in-charge, men material and lift up to 20 mts., installed complete. Item to be completed in all respects as per drawings & instructions from Engineer in charge / Architect. <b>Approved Make:- Jaquar, Grohe &amp; Kohler.</b>	Each	3						
G4	NS	Providing and fixing of Single Piece Slim concealed cistern body with installation kit & "S-Type" Drain pipe connection set for wall Hung WC (without Flush Control Plate) of Jaquar Make cat no. JCS-WHT-2400S. Rate shall be inclusive of cutting, grooving making good the walls, providing and fixing of all necessary fittings etc. complete as approved by Architect / Engineer-in-charge, men material and lift up to 20 mts., installed complete. Item to be completed in all respects as per drawings & instructions from Engineer in charge / Architect. <b>Approved Makes :- Jaquar, Grohe &amp; Kohler.</b>	Each	3						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
G5	NS	Providing and fixing of Control Plate Opal of Jaquar Make cat no. JCP-CHR-152415 Rate shall be inclusive of cutting, grooving making good the walls, providing and fixing of all necessary fittings etc. complete.as approved by Architect / Engineer-in- charge, men material and lift up to 20 mts., installed complete. Item to be completed in all respects as per drawings & instructions from Engineer in charge / Architect. <b>Approved Make:- Jaquar, Roca &amp; Kohler.</b>	Each	3						
G6	NS	Providing and fixing of Regular body of concealed stop cock suitable for 15mm pipe line with plastic protection cap (without exposed Parts) of Jaquar Make cat no. ALD-CHR-083 FT Rate shall be inclusive of cutting, grooving making good the walls, providing and fixing of all necessary fittings etc. complete.as approved by Architect / Engineer-in-charge, men material and lift up to 20 mts., installed Item to be completed in all respects as per drawings & instructions from Engineer in charge / Architect. <b>Approved Make:- Jaquar, Kolher &amp; Grohe</b>	Each	3						



S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
G7	NS	Providing and fixing of Exposed Part Kit of Concealed stop cock with fitting sleeve, operating lever & adjustable wall falange (compatible with ALD-083 ft & ALD-089 ft of Jaquar Make cat no. CON-CHR-083FTK. Rate shall be inclusive of cutting, grooving making good the walls, providing and fixing of all necessary fittings etc. complete as approved by Architect / Engineer-in-charge, men material and lift up to 20 mts., installed complete. Item to be completed in all respects as per drawings & instructions from Engineer in charge / Architect. <b>Approved Make:- Jaquar &amp; Grohe</b>	Each	3						
G8	NS	Providing and fixing of 2 way BIB- Cock with wall flange of Jaquar Make cat no. CON-CHR-041KNF. Rate shall be inclusive of cutting, grooving making good the walls, providing and fixing of all necessary fittings etc. complete as approved by Architect / Engineer-in-charge, men material and lift up to 20 mts., installed complete. Item to be completed in all respects as per drawings & instructions from Engineer in charge / Architect. <b>Approved Make:- Jaquar &amp; Grohe</b>	Each	3						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
G9	NS	Providing and fixing of RAG Bolt-WC- to Fix WC With Wall stainless steel Jaquar Make cat no. ZPS-SNS-RB01. Rate shall be inclusive of cutting, grooving making good the walls, providing and fixing of all necessary fittings etc. complete.as approved by Architect / Engineer-in-charge, men material and lift up to 20 mts., installed complete. Item to be completed in all respects as per drawings & instructions from Engineer in charge / Architect. <b>Approved Make:- Jaquar, Kolher &amp; Grohe</b>	Each	3						
G10	NS	<b>WASH BASIN ITEMS</b> Providing and fixing of wall hung basin with fixing accessories set size 580x460x210mm of jaqure make cat no. SLS-WHT- 6801. Rate shall be inclusive of cutting, grooving making good the walls, providing and fixing of all necessary fittings etc. complete.as approved by Architect / Engineer-in-charge, men material and lift up to 20 mts., installed complete. Item to be completed in all respects as per drawings & instructions from Engineer in charge / Architect. <b>Approved Make:- Jaquar, Kolher</b>	Each	2						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
G11	NS	Providing and Fixing of Under counter Wash Basin oval. ate shall be inclusive of cutting, grooving making good the walls, providing and fixing of all necessary fittings etc. complete.as approved by Architect / Engineer-in-charge, men material and lift up to 20 mts., installed complete. Item to be completed in all respects as per drawings & instructions from Engineer in charge / Architect. <b>Approved Make:- Jaquar, Kolher</b>	Each	1						
G12	NS	Providing and fixing of Half pedestal with fixing accessories set for SLS-WHT-6801 jaqure make cat no. SLS-WHT-6305. Rate shall be inclusive of cutting, grooving making good the walls, providing and fixing of all necessary fittings etc. complete.as approved by Architect / Engineer-in-charge, men material and lift up to 20 mts., installed complete. Item to be completed in all respects as per drawings & instructions from Engineer in charge / Architect. <b>Approved Make:- Jaquar &amp; Kolher</b>	Each	2						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
G13	NS	Providing and fixing pillar cock auto closing system of jaqure make cat no. PRS- CHR-031. Rate shall be inclusive of cutting, grooving making good the walls, providing and fixing of all necessary fittings etc. complete.as approved by Architect / Engineer-in-charge, men material and lift up to 20 mts., installed complete. Item to be completed in all respects as per drawings & instructions from Engineer in charge / Architect. <b>Approved Make:- Jaquar &amp; Grohe</b>	Each	2						
G14	NS	Providing and fixing angular stop cock with wall flange of jaqure make cat no. CON- CHR-059KN. Rate shall be inclusive of cutting, grooving making good the walls, providing and fixing of all necessary fittings etc. complete as approved by Architect / Engineer-in-charge, men material and lift up to 20 mts., installed complete. Item to be completed in all respects as per drawings & instructions from Engineer in charge / Architect. <b>Approved Make:- Jaquar &amp; Grohe</b>	Each	2						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
G15	NS	Providing and fixing bottle trap (with internal partition ) 32 mm size with 300 mm & 190 mm long wall connection pipes & wall flange of jaqure make cat no. ALD-CHR-769L300x190. Rate shall be inclusive of cutting, grooving making good the walls, providing and fixing of all necessary fittings etc. complete.as approved by Architect / Engineer-in-charge, men material and lift up to 20 mts., installed complete. Item to be completed in all respects as per drawings & instructions from Engineer in charge / Architect. <b>Approved Make:- Jaquar &amp; Grohe</b>	Each	2						
G16	NS	Providing and fixing waster couple 32 mm half thread of jaqure make cat no. ALD- CHR-709 .Rate shall be inclusive of cutting, grooving making good the walls, providing and fixing of all necessary fittings etc. complete.as approved by Architect / Engineer-in-charge, men material and lift up to 20 mts., installed complete. Item to be completed in all respects as per drawings & instructions from Engineer in charge / Architect. <b>Approved Make:- Jaquar &amp; Grohe</b>	Each	2						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
G17	NS	Providing and fixing towel ring square of jaqure make cat no. ACN-CHR-1121N. Rate shall be inclusive of cutting, grooving making good the walls, providing and fixing of all necessary fittings etc. complete.as approved by Architect / Engineer-in- charge, men material and lift up to 20 mts., installed complete. Item to be completed in all respects as per drawings & instructions from Engineer in charge / Architect. <b>Approved Make:- Jaquar &amp; Grohe</b>	Each	4						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
G18	NS	Providing and fixing soap dispenser with metallic bottle of jaqure make cat no. ALD- CHR-1137N. Rate shall be inclusive of cutting, grooving making good the walls, providing and fixing of all necessary fittings etc. complete.as approved by Architect / Engineer-in-charge, men material and lift up to 20 mts., installed complete. Item to be completed in all respects as per drawings & instructions from Engineer in charge / Architect. <b>Approved Make:- Jaquar &amp; Grohe</b>	Each	3						
G19	NS	Providing and fixing RAG Bolt -WB- to Fix WB with Wall - Mild Steel jaqure make cat no ZPS-MST-RB03.Rate shall be inclusive of cutting, grooving making good the walls, providing and fixing of all necessary fittings etc. complete.as approved by Architect / Engineer-in-charge, men material and lift up to 20 mts., installed complete. Item to be completed in all respects as per drawings & instructions from Engineer in charge / Engineer in charge / Architect. <b>Approved Make:- Jaquar &amp; Grohe</b>	Each	2						
G20	NS	<b>URINAL ITEMS</b>								

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		Providing and Fixing White vitreous china Urinal of with integrated automatic flushing sensor (electric operated / battery operated) complete including painting the fittings, cutting and making good the walls where required as per directions of Engineer incharge. (Basic Price- Rs. 8,000/-). <b>Approved Make:- Jaquar, Kolher</b>	Each	2						
<b>G21</b>	NS	<b>GLASS MIRRORS IN TOILET</b>								
		Providing and Fixing Mirrors in toilet, homogenous piece 5 mm thick faultless Float glass mirrors of approved source glass. Mounted with approved 316 grd. SS Studs on 12mm thick Marine grade BWR & AT rated ply board backing of Ply or equip., entire assembly mounted over specified Dado to locations as per drawing and approval. Ply board edges to be sealed with min. 4 mm thick TW lipping AT treated and clear matt PU finished; and glass edges to be avg. 2.5 mm bevelled & grinded finished smooth. Exposed	SQM	2						



S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		SS mounting studs on face of glass to be of brushed steel/Butler finish. Item to include all fixing hardware & accessories as approved, and a single unit mock-up for approval of the Architects. Item to be mounted, cleaned finished complete to correct line, surface level and plumb; and inclusive of all men, material & lift up to 10 mts; finished item suitably protected till handover. Item to be completed in all respects as per drawings & instructions from Project- in- charge / Architect. Approved Make :- Saint gobin & Asai								
<b>G22</b>	NS	<b>FLOOR TRAP AND GRATING</b>								
		Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors : Item to be completed in all respects as per drawings & instructions from Project- in-charge / Architect.								
		100 mm inlet and 100 mm outlet								
		Sand Cast Iron S & S as per IS: 1729	Each	5						
<b>G23</b>	NS	<b>25MM GATE VALVE</b>								

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		providing and fixing Gun metal valves of 25 mm size of approved make teste upto 300 lbs. sq local 20kg/sqcm. of approved quality. Item to be include all fixing accessories. Men material and lift upto 10 mtr. Installed complete item to be complete in all respect as per drawing and instructions from project in charge / Architect.	Each	1						
<b>G24</b>		<b>CPVC PIPE - 20 MM DIA.</b>								
	18.8.2	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in charge / Architect. <b>Approved Make :- Astral &amp; Supreme.</b>	Mtr.	20						
<b>G25</b>		<b>CPVC PIPE - 25 MM DIA.</b>								

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
	18.8.3	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in charge / Architect. <b>Approved Make :- Astral &amp; Supreme</b>	Mtr.	20						
<b>G26</b>	NS	<b>UPVC PIPE - 100 MM DIA.</b>								
		Providing and fixing in position PVC pipe (4 kg/sq.cm. of approved make) with required fittings & material and labour etc. complete including providing & fixing M.S. fabricated double angle bracket of required size with all necessary welding & fixing the same and grouting in wall / R.C.C wall using anchor fasteners of required size with clamping the pipe with „U“ clamp with nut & bolts and washers with giving red oxide paint to bracket etc. complete s per direction of Engineer in charge / Architect. <b>Approved Make :- Supreme &amp; prakash</b>	Mtr.	20						
<b>G27</b>	NS	Providing and Fixing Clothes hooks in heavy duty Nylon as per direction of Engineer in charge / Architect.	Nos.	4						
<b>G28</b>	NS	<b>KITCHEN SINK</b>								

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		Providing and Fixing of stainless steel kitchen sink (MAKE JAYNA, MODEL NO JUPITER SBSD 09) size 460 x 400 x 200 mm with R.S. or CI bracket (painted white), 40 mm dia C.P. brass waste of standard pattern, C.P. brass chain and rubber plugh, 40 mm dia swivel trap of PP with air admittance valve of adequate air flow capacity (McAlpine, UK, Model: TP31V) complete with cutting and making good the walls where required. <b>(Basic Price- Rs. 10,500/-)</b>	Nos.	1						
<b>G29</b>	NS	Providing and fixing wall mounted single lever basin mixer (Jaquar Cat. No. FLR 5177B or approved equivalent) low flow fixture as per Griha requirement for kitchen sink	Each	1						
		<b>TOTAL OF PH WORK, CP FITTING &amp; SANITARY FITTINGS</b>								

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S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
<b>H</b>		<b>POINT WIRING AND EQUIPMENT</b>								
<b>H1</b>	1.3.3	Wiring for light point / fan point / exhaust fan point / call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. Group-C	Point	62						
<b>H2</b>	1.5	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/recessed steel conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	Metre	60						
<b>H3</b>	1.7	Wiring for circuit / submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface / recessed steel conduit as required.								
a.	1.7.1	2 x 1.5 sq. mm + 1 x 1.5 sq. mm earth wire	Metre	200						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
b.	1.7.2	2 x 2.5 sq. mm + 1 x 2.5 sq. mm earth wire	Metre	650						
c.	1.7.4	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	Metre	100						
d.	1.7.8	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	Metre	120						
e.	1.7.9	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	Metre	25						
f.	1.7.10	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	Metre	60						
<b>H4</b>	1.31	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection, painting etc. as required.	Each	122						
<b>H5</b>	1.32	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps modular switch, connection, painting etc. as required.	Each	7						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
H6	1.20	Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required.								
a.	1.20.1	20 mm	Metre	150						
b.	1.20.2	25 mm	Metre	200						
c.	1.20.3	32 mm	Metre	50						
H7	NS	Providing and fixing <b>computer outlet (RJ-45)</b> in MS flush box complete with all accessories, connection etc. complete as required.	Nos.	28						
H8	NS	Supply, installation, testing and commissioning of <b>Telephone socket outlet (RJ11)</b> on modular plate, suitable zinc passivated box including connections etc. complete as required.	Each	28						
H9	NS	Supply, Wiring, installation, testing & commissioning of 2 <b>pair 0.5mm FR PVC</b> insulated copper conductor, unarmoured telephone cable in the existing surface / recessed steel conduit complete as required.	Metre	400						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
H10	NS	Supply, installation, Testing & Commissioning of Armoured cat-6 UTP cable with all accessories complete as required.	Rmtrs	400						
H11	NS	<b>Dome camera</b> - Supply, Installation, Testing & Commissioning of IP Network TDN Low-Light IR Dome Camera, 1/2.7" CMOS, 2 MP @ 25fps or better, triple stream, Min. Illumination required 0.1 lux @ F1.4 (color), 120dB True WDR, Min. Pixels 1920 × 1080, triple stream, 2.7–12 mm motorized focus & zoom lens, BLC, HLC, 3DNR, Privacy Mask, 3 IR LEDs Smart IR with upto 30m IR distance, 128GB SD card support, IP66, IK10, PoE, H.264 High Profile and MJPEG, PoE Class 3 and 12V DC, Having Operating temp range : –30°C to 60° C. Certifications: ONVIF Profile S & Profile G compliant, UL, CSA 60950-22, CE (EN 50130-4 & EN 55022) , FCC Part 15 & RoHS compliant.	Nos.	5						
H12	NS	Supply of following size of 1.1 KV grade, XLPE insulated PVC sheated Copper Conductor armoured cable confirming to IS: 7098 part -I amended upto date.								
a.		4 core X 10 Sq.mm	RM	50						



S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
H13	NS	Supplying and making end termination with double brass compression gland and copper lugs for following size of PVC insulated and PVC sheathed / XLPE copper conductor cable of 1.1 KV grade as required.								
		4 core X 10 Sq.mm	Nos.	2						
H14		Supply and fixing of following bare GI strip / wires including all necessary fixing accessories and effecting connections as per specifications.								
a.	NS	25 x 5 mm thick GI Strip.	RM	30						
H15	5.18	Providing and fixing 8 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface / recessed conduit/ submain wiring / cable as required.	Mtrs.	75						
H16	17.2.4	Supplying, installation, testing & commissioning of intelligent analog addressable <b>Photothermal / Multicriteria Detector</b> detector complete with mounting base complete as required.	Nos.	26						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
H17	17.2.5	Supplying, installation, testing & commissioning of response indicator on surface / recessed MS Box having two LED, metallic cover complete with all connections etc as required.	Nos.	4						
H18	17.3.2	Supplying, installation, testing & commissioning of 1.5 / 3 / 6W ceiling speaker complete as required.	Nos.	15						
H19	15.1	Supplying, installation, testing and commissioning of Passive Infrared (PIR) technology based occupancy sensor having high performance, non regulating programmable type, suitable for connected load upto 10Amp, for mounting height up to 2.8 mtr and for 5 m diameter coverage area along with necessary fixing arrangements i/c programming at site etc. complete as required.	Nos.	2						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
H20	NS	Supply installation testing and commissioning of 20 A three phase metal clad interlocked switch socket outlet (IP67) complete with accessories.	Nos.	2						
H21	NS	<b>VTPN DB:-</b> Supply installation testing and commissioning of VTPN DB as defined below:-	Nos.	2						
		i) 1 No. - 100 amps four pole MCCB (25 KA) with following accessories:								
		a) 3 Nos. Phase indication LED lamps with 2Amp back up MCB, breaker 'ON/OFF' indicating light with 2A MCB.								
		b) Set of Digital flush type class 1 accuracy multifunction meter, showing V, A, PF, Hz, KW, KWH, KVAR, etc. and 3 Nos. cast resin current transformers of 100/ 5 Amp ratio, 10 VA Class 1 metering.								
		<b>Bus Bar :</b>								

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		4P tinned copper extensible type main bus bars of minimum of 200 Amp capacity (25kA) with heat shrinkable coloured sleeves and i/c DMC/SMC bus bars supports at required intervals complete.								
		<b>Outgoings:</b>								
		i) 36 Nos. - 10/16/20 Amp. SP MCB (As per RYB phases)								
		ii) 3 Nos. - 32 Amp. TPN MCB								
		iii) 2 No. - 25 Amp. TPN MCB								
		iv) 10 No. - 20 Amp. TPN MCB								
		<b>VTPN DB as described above</b>	Set	1						
<b>H22</b>	NS	Design, manufacturing, supply and installation of overhead raceways made from 1.6mm thick G.I. sheet in following size for Low voltage system complete with suitable knockouts, suspended rods / angle iron, reducer, removable top cover and cable holding arrangement :								
a.		100mm x 50mm x 1.6 thick with two compartments	RM	35						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
H23	NS	Design, manufacturing, supply and installation of overhead raceways made from 1.6mm thick G.I. sheet in following size for Low voltage system complete with suitable knockouts, suspended rods / angle iron, reducer, removable top cover and cable holding arrangement :								
a.		50mm x 50mm x 1.6 thick	RM	50						
		<b>TOTAL OF POINT WIRING AND EQUIPMENT</b>								
<b>I</b>		<b>SUPPLY AND INSTALLATION OF LIGHTING FIXTURES</b>								
1		The rates shall include all components that may be required to make the supply and installation complete in all respects such as :								
a		All led								
b		Internal wiring between accessories								
c		Earthing terminal								
d		Complete provision for installation								
e		Suitable length of GI down rod, hanger and connecting wires where called for.								
f		Wires for connecting the fixtures to the point through connector block.								

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
g		All metal blocks to serve as base of fixtures								
h		Bonding with earth wires.								
2		Drilling holes in supports wherever required.								
3		Fixing clamps, GI bolts and nuts, brass screws, saddles, rawl bolts and other fixing accessories as required.								
4		All recessed type fixture shall be considered with suitable length of flexible G.I. conduit.								
5		Testing of all fixtures & fans before and after installation.								
<b>A</b>		<b>SUPPLY OF LIGHTING FIXTURES</b>								
		Supply of the following lighting fixtures with all fixing accessories etc. as required.								

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
11	NS	Supply of Recess Mounted LED panel made of CRCA housing, LED Used shall be SMD type and fixture should have minimum efficacy at System level (Not Chip Level) $\geq 115$ lumens/watt with Minimum system Lumens 3600, Life of fixture (Including Driver) : 50000 burning Hrs. @ L70B50 Lumen maintenance, CCT of 6500/4000K (SDCM $\leq 5$ ) fixture should have CRI $> 80$ , PF $> 0.95$ , Min working temp range - $0^{\circ}\text{C} < T_a < 45^{\circ}\text{C}$ , an operating Voltage Range of 140 - 270 VAC. Minimum Internal Surge Protection 2.5KV. The fixture design should comply with EMC / EMI compliance along with BIS certification for LED Driver & Luminaire seperately. Luminair manufacture shall provide LM79report & LM80 report issued by LED manufacturer. Similar to Philips RC380B LED36S G4 L60 W60 PSU or equivalent.	Nos.	8						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
12	NS	Supply of Recess LED Downlighter made of pressure die cast alu. housing, LED Used shall be SMD type and fixture should have minimum efficacy at System level (Not Chip Level) $\geq 110$ lumens/watt with Minimum system Lumens 1200, Life of fixture (Including Driver) : 50000 burning Hrs. @ L70B50 Lumen maintenance, CCT of 3000/4000/6500K (SDCM<5), CRI >80, PF >0.95, Min working temp range - 0°C < Ta < 45°C, an operating Voltage Range of 130 - 320 VAC .Minimum Internal Surge Protection 2.5KV & The fixture design should comply with EMC / EMI compliance along with BIS certification for LED Driver & Luminaire. Ceilling Cutout is 150mm. Luminaire manufacture shall provide LM79 & LM80 report issued by LED manufacturer.Similar to Philips DN296B LED12S PSU WH or equivalent.	Nos.	17						



S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
13	NS	Supply of linear recessed fitting made of extruded aluminium housing. Fixture should have minimum efficacy at System level (Not Chip Level) >110lumens/watt and a minimum system lumen output of 2200 (downlight) lumens and maximum system wattage of 19. Luminaire should have Life of 50000hrs@L70B50 Lumen maintenance, CCT up to 4000/6500K, CRI >80, PF >0.95, THD<10% and an operating Voltage Range of 140 - 270 Internal Surge Protection 2.5KV. Fixture is available in both 4 ft and 8 ft module with 60 and 75 mm width options available. Fixture should be available in DALI dimmable version also.	Nos.	35						
		The fixture should comply with the parameters as per IS10322. The LED driver should comply to IEC61000-3-2 ed.3.2, 2009 for Harmonics, IEC61347 -2 -13, 2006 in Conjunction with IEC61347-1 ed.2.0, 2007 for Electrical Safety, IEC62384 ed.1.1, 2011 for performance and IEC61547 ed.2.0, 2009, CISPR-15 for EMI. LM 79 and LM80 reports need to be submitted to verify above parameters. Similar to Philips Models RC780X LED22S or equivalent.								

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
14	NS	Supply of 1x10W Mirror LED With Made of ultra slim co-extruded polycarbonate channel with housing part in white finish & diffuser part in reeded opal finish of approved make.	Nos.	2						
<b>B</b>		<b>INSTALLATION OF LIGHTING FIXTURES</b>								
	DSR 1.41	Installation, testing and commissioning of following pre-wired, LED fitting of all types, complete with all accessories and tube etc. directly on ceiling / wall, including connection with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.								
15		Installation, testing and commissioning of Recess Mounted LED panel made of CRCA housing, LED Used shall be SMD type and fixture should have minimum efficacy at System level (Not Chip Level) $\geq 115$ lumens/watt with Minimum system Lumens 3600, Life of fixture (Including Driver) : 50000 burning Hrs. @ L70B50 Lumen maintenance, CCT of 6500/4000K (SDCM $\leq 5$ ) fixture should have CRI $>80$ , PF $>0.95$ , Min working temp range - $0^{\circ}\text{C} < T_a < 45^{\circ}\text{C}$ , an operating Voltage Range of 140 - 270 VAC. Minimum Internal Surge Protection 2.5KV. The fixture design should comply with EMC /	Nos.	8						

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		EMI compliance along with BIS certification for LED Driver & Luminaire seperately. Luminair manufacture shall provide LM79report & LM80 report issued by LED manufacturer. Similar to Philips RC380B LED36S G4 L60 W60 PSU								
16		Installation, testing and commissioning of Recess LED Downlighter made of pressure die cast alu. housing, LED Used shall be SMD type and fixture should have minimum efficacy at System level (Not Chip Level) >=110lumens/watt with Minimum system Lumens 1200, Life of fixture (Including Driver) : 50000 burning Hrs. @ L70B50 Lumen maintenance, CCT of 3000/4000/6500K (SDCM<5), CRI >80, PF >0.95, Min working temp range - 0°C < Ta < 45°C, an operating Voltage Range of 130 - 320 VAC. Minimum Internal Surge Protection 2.5KV & The fixture	Nos.	17						
		design should comply with EMC / EMI compliance along with BIS certification for LED Driver & Luminaire. Ceilling Cutout is 150mm. Luminaire manufacture shall provide LM79 & LM80 report issued by LED manufacturer. Similar to Philips DN296B LED12S PSU WH								

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
17		Installation, testing and commissioning of linear recessed fitting made of extruded aluminium housing. Fixture should have minimum efficacy at System level (Not Chip Level) >110lumens/watt and a minimum system lumen output of 2200 (downlight) lumens and maximum system wattage of 19. Luminaire should have Life of 50000hrs@L70B50 Lumen maintenance, CCT up to 4000/6500K, CRI >80, PF >0.95, THD<10% and an operating Voltage Range of 140 - 270 Internal Surge Protection 2.5KV. Fixture is available in both 4 ft and 8 ft module with 60 and 75 mm width options available. Fixture should be available in DALI dimmable version also. The fixture should comply with the parameters as per IS10322. The	Nos.	35						
		LED driver should comply to IEC61000-3-2 ed.3.2, 2009 for Harmonics, IEC61347 -2 -13, 2006 in Conjunction with IEC61347-1 ed.2.0, 2007 for Electrical Safety, IEC62384 ed.1.1, 2011 for performance and IEC61547 ed.2.0, 2009, CISPR-15 for EMI. LM 79 and LM80 reports need to be submitted to verify above parameters. Similar to Philips Models RC780X LED22S.								

S. No.	DSR/N DSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
18		Installation, testing and commissioning of 1x10W Mirror LED With Made of ultra slim co-extruded polycarbonate channel with housing part in white finish & diffuser part in reeded opal finish of approved make.	Nos.	2						
		<b>TOTAL OF SUPPLY AND INSTALLATION OF LIGHTING FIXTURES</b>								

**BOQ OF GENERAL CIVIL AND INTERIOR RENOVATION WORKS OF OFFICE FOR NATIONAL BACKWARD CLASSES FINANCE AND DEVELOPMENT CORPORATION AT 5TH FLOOR, N.C.U.I. BUILDING, 3, SIRI INSTITUTIONAL AREA, AUGUST KRANTI MARG, NEW DELHI**

S. NO	DESCRIPTION	UNIT	QTY.	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
J	<b>HVAC EQUIPMENT</b>								
J1	<b>OUTDOOR UNITS</b>								
	Supply, Installation, Testing and Commissioning of air cooled variable refrigerant volume modular type outdoor units, each comprising of energy efficient multiple scroll compressors, topping up of R410A refrigerant gas and all accessories as per the specifications. The condensing units shall be suitable to work on cooling as well as heating mode. The condensing units shall be suitable for operation on 415 ±10% volts, 50Hz, 3 phase AC power supply and complete with auto check function for connection error, auto address setting etc. The outdoor units shall be low noise type. Quoted price shall also be inclusive of loading, unloading, lifting & shifting on Terrace above second floor Floor level as per drawing or any other suitable location, positioning charges besides including charges towards vibration isolation arrangement etc. Quoted price shall also be inclusive of Power Cable from ELCB/MCCB to Outdoor unit & MS frame duly applied with 2 coat of primer & one coat of black enamel paint. The outdoor unit position locking. •omplete. without m								

S. NO	DESCRIPTION	UNIT	QTY.	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
a.	10 HP nominal capacity high COP outdoor unit comprising of single module of requisite capacity.	No	2						
b.	6 HP nominal capacity high COP outdoor unit comprising of single module of requisite capacity.	No	1						
J2	<b>INDOOR UNITS</b>								
a.	<b>STANDARD TYPE</b>								
	Supply, Installation, Testing and Commissioning of variable refrigerant volume modular type indoor units comprising of all accessories as per the specifications. The indoor units shall be suitable to work on cooling as well as heating mode. The indoor units shall be suitable for operation on 220 ± 6% volts, 50Hz, 1 phase AC power supply except floor standing units suitable for operation on 415 ±10% volts, 50Hz, 3 phase AC power supply. Ductable indoor units shall be suitable to handle extent of ductwork as shown in the design drawings and dehumidified air quantity as mentioned in the heat load summary sheet under "Special Conditions" and the indoor units shall be of following capacities. Quoted price shall be inclusive of Plug Top & necessary power cable. Ductable indoor units shall be provided with 250mm depth for entire width for mounting of Electrostatic Air Cleaners. AHUs shall be of following design parameters:								
i.	635 Cfm Fresh Air Unit ductable Type (3.9TR)	No.	1						
b.	<b>CONVENTIONAL TYPE</b>								

S. NO	DESCRIPTION	UNIT	QTY.	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
	Supply, Installation, Testing and Commissioning of double skin ceiling mounted type air handling units in sheet metal construction, each complete with synthetic fibre filters, 6 rows deep R-410a refrigerant cooling coil of copper tube and aluminium fins construction, forward curved DIDW centrifugal fan/s, belt drive package & squirrel cage IE 3 induction motor, SS insulated auxiliary drain pan, separate compartment for housing all valves and vibration isolation arrangement all complete as per the specifications. AHUs shall be selected for a maximum face velocity of 500 FPM. Fan outlet velocity shall not exceed 1800 FPM. Suspension arrangement for ceiling suspended AHUs shall also include spring type vibration isolators and rubber gromets etc. to make the installation totally vibration free. AHUs shall be of following design parameters:								
	<b>No. (Cfm) (mm WG) Rows Rating(HP) (TR)</b>								
	<b>Fifth Floor</b>								
	AHU-1 3000 36 6 1 x 3 7.5	No	2						
<b>J3</b>	<b>REMOTE CONTROLS</b>								
i	Supply, Installation, Testing & Commissioning of Corded remote controls for the above indoor units.	No	3						
<b>J4</b>	Supply, Installation, Testing and Commissioning of main centralised controller as per specifications to hook up indoor units as mentioned above. Controller shall however, be suitable for minimum 120 groups of indoor units. Centralised controller shall act as master controller for controlling of Heating - cooling mode of outdoor units and their associated indoor units. <b>Controller shall be located in Office</b>	No	1						
<b>J5</b>	<b>INLINE FANS (Single Phase)</b>								



S. NO	DESCRIPTION	UNIT	QTY.	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
	Supplying, Installing, Testing and Commissioning of circular / rectangular inline fans for exhaust complete with sheet metal casing, direct driven centrifugal fan, motor with proper protection and inspection door. Fan shall be suitable for operation on 220±6 % volts, 50 Hz, 1 phase AC power supply. Fan shall be installed as shown in the drawings and will be of following characteristics. All single phase inline fans shall be provided with factory fitted speed regulators:								
	<b>Fan Capacity S.P Area to be</b>								
	<b>No. (Cfm) (mmWG) exhausted</b>								
	IF-1(Circular) 110 12-14 Pantry	No	1						
	IF-2(Circular) 120 12-14 Toilet	No	1						
	IF-3(Circular) 150 12-14 Toilet	No	1						
<b>J6</b>	<b>AXIAL FLOW FANS</b>								
	Supply, Installation, Testing & Commissioning of tube axial type axial flow fans complete with MS/GI casing, impeller and motor with class 'F' insulation to withstand 300 deg C for 60 minutes for normal & smoke extraction as shown in the drawings. Motor shall be mounted out of air stream and shall be suitable for operation on 415±10% volts, 50Hz, 3 phase AC power supply. Motor shall also be suitable to operate in VFD. (Normal & Makeup air fans only) Axial flow fans shall be provided with inlet and outlet cones fabricated at site using GS sheet and necessary vibration isolation arrangement including spring type vibration isolators and rubber grommet etc. as required. Fans associated with normal ventilation shall not exceed 1200 RPM. The noise level of normal & make up fans should not exceed 70 db.								
	<b>A.F. Capacity S.P Motor Fan Area being</b>								
	<b>No. (Cfm) (mmWG) Rating Dia extracted</b>								
	<b>(HP) (mm)</b>								
	<b>FOR SMOKE EXTRACTION</b>								
	AF-1 /S 3500 25 3/4P 450 5th Floor	No	1						
	<b>FOR MAKE-UP AIR (Single Phase Fans)</b>								
	AF-2 /E 1000 15 0.75 400 5th Floor	No	2						
	<b>FOR MAKE-UP AIR (Single Phase Fans)</b>								
	AF-3 /S 300 15 0.5 300 5th Floor	No	4						

S. NO	DESCRIPTION	UNIT	QTY.	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
	<b>TOTAL OF HVAC EQUIPMENT</b>								
<b>K</b>	<b>HVAC PIPING</b>								
<b>K1</b>	<b>COPPER REFRIGERANT PIPING - VRF UNITS</b>								
	Supply, Installation, Testing & Commissioning of high pressure copper refrigerant piping including R410a refrigerant of suitable size as required and duly insulated with 19mm/13mm thick closed cell elastomeric insulation in tubing form. External Refrigerant piping shall be laid on GI covered cable trays. Piping inside occupied spaces shall be supported using MS hangers duly painted with black enamel paint. Entire refrigerant piping work shall be carried out in accordance with the specifications. MS sleeves of requisite size shall be provided at wall crossing. Quoted price shall be inclusive of necessary Insulation, glass cloth and minimum two layers of UV protection paint to be applied over insulation. Piping shall be of following sizes:								
	<b>Pipe Size</b> <b>Thickness of CSE</b>								
	<b>(O.D.)</b> <b>Insulation</b>								
a.	22.2 mm                      19 mm	RM	35						
b.	19.1 mm                      13 mm	RM	15						
c.	9.5 mm                        13 mm	RM	40						
<b>K2</b>	<b>CONDENSATE DRAIN PIPING</b>								
	Supply, Installation, Testing and Commissioning of GI medium class (Class 'B') pipes cut to required lengths and installed with all screwed joints for condensate drain. Quoted price shall be inclusive of supply and fixing in position the necessary fittings like elbows, tees reducers etc., and supporting arrangement in accordance with the approved shop drawings and specifications. Pipes shall be insulated with 9mm thick closed cell elastomeric insulation in tubing form. Quoted price shall include cost of Insulation etc. Pipes shall be of following sizes:								

S. NO	DESCRIPTION	UNIT	QTY.	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
a.	50mm dia	RM	10						
b.	40mm dia	RM	10						
c.	25mm dia	RM	10						
<b>TOTAL OF HVAC PIPING</b>									
<b>L</b>	<b>AIR DISTRIBUTION</b>								
<b>L1</b>	<b>CONVENTIONAL DUCTING</b>								
	Supply of factory fabricated dutwork, Installation and Testing of galvanised sheet metal ducts including elbows, turning vanes, neoprene / PVC fire retardant gaskets, slip on flanges, GI fully threaded rods / Gripplle, GI supports / hangers etc. in accordance with the approved shop drawings and specifications.								
a.	1mm to 750mm -- 26G GSS with C&SS Joints	SqM	90						
b.	751mm to 899mm -- 26G GSS with TDC Joints	SqM	10						
c.	2101mm to 2700mm - 18G GSS with TDC Joints	SqM	15						
<b>L2</b>	<b>SITE FABRICATED DUCTING</b>								
	Supply, Fabrication, Installation and Testing of sheet metal ducts complete with vanes, splitter dampers, hanging arrangement including check nuts in accordance with the approved shop drawings and specifications								
a.	0.63mm (24 gauge) GSS	SqM	5						
b.	0.8 mm (22 gauge) GSS	SqM	5						
c.	1.0mm (20 gauge) GSS	SqM	5						
<b>L3</b>	<b>FLEXIBLE CANVASS CONNECTIONS</b>								
	Supply, Installation and Testing of 125mm deep Antivibration Flexible Joints made out of imported fire retardant fabric with extruded aluminium frame / flange on both sides of approved make.	RM	5						

S. NO	DESCRIPTION	UNIT	QTY.	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
<b>L4</b>	<b>LOUVER DAMPERS FOR COLLARS</b>								
	Supply, Installation and Testing of multi blade type louver dampers of galvanised steel sheet for collars to be provided with suitable links, levers and quadrants for manual control of volume of air flow and for proper balancing of the air distribution system as per the approved shop drawings and specifications.	SqM	2.8						
<b>L5</b>	<b>BOX TYPE DUCT DAMPERS</b>								
	Supply, Installation and Testing of multiblade box type galvanised steel sheet dampers for ducts to be provided with suitable links, levers and quadrants for manual control of volume of air flow and for proper balancing of the air distribution system as per the approved shop drawings and specifications.	SqM	1.3						
<b>L6</b>	<b>LINEAR GRILLES</b>								
	Supply, Installation, Testing and Balancing of one way blow linear supply cum return air grilles complete with fixed core as per approved shop drawings and specifications. The grilles shall be of approved colour & shade. Powder coated aluminium grilles of extruded sections with integral flanges on both sides & ends as required complete with corner pieces.								
	i. 100 / 150 / 250 mm High grilles	SqM	6.5						
<b>L7</b>	<b>AIR TRANSFER GRILLES</b>								
	Supply, Installation and Testing of extruded aluminium powder coated air transfer grilles to be provided at the door of toilets / pantry.	SqM	0.3						
<b>L8</b>	<b>SUPPLY AIR DIFFUSERS</b>								

S. NO	DESCRIPTION	UNIT	QTY.	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
a.	Supply, Installation, Testing and Balancing of square supply air & toilet exhaust air diffusers with removable key operated volume control dampers as per the approved shop drawings and specifications. The diffusers shall be anti-smudge ring type / flat type as approved by the interior designer.								
	Powder coated extruded aluminium diffusers of approved colour & shade.	SqM	1.3						
b.	Supply, Installation, Testing and Balancing of square supply air diffusers with factory fitted removable key operated volume control dampers & 150mm high GSS plenum as per the approved shop drawings and specifications. The diffusers shall be anti-smudge ring / flat type.								
	600x600 Powder coated extruded aluminium diffusers of approved colour & shade suitable for fixing in grid ceiling.	No	5						
<b>L9</b>	<b>RETURN AIR DIFFUSERS</b>								
a.	Supply, Installation, Testing and Balancing of square return air diffusers same as supply air diffusers but without volume control dampers as per the approved shop drawings and specifications. The diffusers shall be anti - smudge ring type.								
	Powder coated extruded aluminium diffusers of approved colour & shade.	SqM	0.6						
b.	Supply, Installation, Testing and Balancing of square return air diffusers same as supply air diffusers but without volume control dampers as per the approved shop drawings and specifications. The diffusers shall be anti -smudge ring / flat type.								
	600x600 Powder coated extruded aluminium diffusers of approved colour & shade suitable for fixing in grid ceiling.	No	5						

S. NO	DESCRIPTION	UNIT	QTY.	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
L10	Supply, Installation, Testing and Balancing of lilear slot diffusers with Hit & Miss type extruded aluminium volume control dampers at supply air outlets as per the approved shop drawings and specifications.								
a.	3 slot / 2slot / 1slot, powder coated extruded aluminium diffusers of approved colour & shade for supply air with Hit & Miss type dampers	SqM	2						
L11	Supply, Installation, Testing and Balancing of flexible ducting comprising of inner as well as outer skin constructed out of aluminium & fibre glass insulation 32mm thick of minimum 24 kg/cu.m density insulation sandwiched in between. Duct should confirm to fire rating standards BS-476 part 5, 6 & 7. Flexible Ducts of following sizes as per approved shop drawings, specifications :								
a.	200 mm dia	RM	5						
b.	150 mm dia	RM	8						
c.	100 mm dia	RM	5						
L12	Supply, Installation and Testing of single piece GI round spigot made out of spinning process with 50mm height and having grooves on both sides and circular flanges. Spigots shall be installed on main ducts to facilitate connection of flexible ducts.								
a.	200 mm dia	No	2						
b.	150 mm dia	No	20						
c.	100 mm dia	No	3						

S. NO	DESCRIPTION	UNIT	QTY.	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
L13	Supply, Installation and Testing of fresh air grilles of powder coated / anodised extruded aluminium with GI wire mesh, inlet louvers, Box type VCD & bird screen, as per the approved shop drawings and specifications.	SqM	0.2						
L14	Supply, Installation and Testing of extruded aluminium powder coated louver with GI wire mesh to be installed outside for discharge of exhaust air from exhaust fans as per the specifications and shop drawings. Sample of louvers to be got approved from consultants and Clients prior to procurement, air distribution grid, removable key-operated volume control damper. The diffusers shall be anti-smudge ring type.	SqM	1						
<b>TOTAL OF AIR DISTRIBUTION</b>									
<b>M</b>	<b>INSULATION</b>								
M1	Supply and Application of acoustic lining / internal thermal insulation of supply / return air ducting with open cell elastomeric insulation as per the specifications and drawings.								
	15mm thick	SqM	10						
M2	<b>(Using Factory Laminated aluminium foil faced, Class 'O' Closed Cell Elastomeric insulation)</b>								
	Supply and Application of external thermal insulation of supply /return air ducting using aluminium foil faced closed cell elastomeric insulation with class 'O' fire retardant properties as per the specifications and drawings. Foil shall provide protection from mechanical impact, ultra violet radiations and Scratches etc. caldding shall not have any fibre erosion.Both insulation & aluminium foil should have built in antimicrobial protection.								
	a. 16mm thick	SqM	25						
	b. 9 mm thick	SqM	75						


S. NO	DESCRIPTION	UNIT	QTY.	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
<b>M3</b>	<b>THERMAL INSULATION OF EXPOSED ROOF</b>								
	<b>(Using Factory Laminated aluminium foil faced, Class 'O' Closed Cell Elastomeric insulation)</b>								
	Supply and Application of thermal insulation for exposed roof using aluminium foil faced closed cell elastomeric insulation with class 'O' fire retardant properties as per the specifications and drawings. Foil shall provide protection from mechanical impact, ultra violet radiations and Scratches etc. cladding shall not have any fibre erosion. Both insulation & aluminium foil should have built in antimicrobial protection.								
a.	16mm thick insulation	SqM	140						
	<b>TOTAL OF INSULATION</b>								
<b>N</b>	<b>ELECTRICAL INSTALLATION</b>								
<b>N1</b>	<b>AHU ELECTRICAL PANELS</b>								
	Supply, Installation, Testing & Commissioning of wall mounted cubicle type electrical panels including system control wiring with incoming, outgoing feeders as described below and as per specifications.								
	AHU Panel casing shall be large enough to accommodate variable frequency drives as well with adequate ventilation provisions.								
A.	<b>PANEL-'A'</b>								
	Location: Near AHU								
a.	32/25A TP MCB for 3/2 HP motor - 01set.								
b.	Digital type voltmeter (0-500) V, digital type Ammeter, selector switches, RYB LED type indication lights - 01 set.								
c.	Fully automatic DOL starter with built in single phasing preventor, over load relay suitable for 3/2HP motor - 01 set.								
d.	16A single phase MCB - 01 set								



S. NO	DESCRIPTION	UNIT	QTY.	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
e.	Auto-Manual type selector switch to facilitate auto start of AHU after restoration of power.								
f.	Control wiring & safety circuit as required with Start-Stop PB's stayput or lockable type and LED type 'ON' 'OFF' indication lights.								
	AHU Panel as described above.	No	2						
<b>N2</b>	<b>POWER CABLING (FRLS)</b>								
	Supply, laying, affecting connections and Testing of the following sizes of 1.1 KV armoured PVC insulated aluminium / copper conductor cables. Cables shall be inclusive of all clamps, saddles, screws, cable identification tags, cable terminal joints including terminal lugs, glands, ferruling insulating tapes, affecting terminal connections to the equipment as per the specifications and as required.								
a.	4C/3C x 6 Sqmm cable (Copper)	RM	15						
<b>N3</b>	<b>CONTROL CABLING</b>								
	Supply, laying & Fixing of copper control cabling of following sizes :								
a.	2C x 1.5 Sqmm cable	RM	120						
b.	6C x 1.5 Sqmm cable	RM	10						
<b>N4</b>	<b>CABLE TRAYS</b>								
	Supplying & Fixing of following sizes of MS cable tray duly painted perforated type along with necessary elbows, bends, reducers etc. anchored along the wall / suspended from the ceiling with necessary MS supports. Supports shall be in the form of 40mmx40mmx5mm angles and provided at a distance of 1200mm including grouting in the wall and making good. Cable trays on terrace should match with the existing cable trays.								
a.	40 x 50 x 40 x 2mm	RM	15						
b.	40 x 100 x 40 x 2mm	RM	10						

S. NO	DESCRIPTION	UNIT	QTY.	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
<b>N5</b>	<b>EARTHING</b>								
	Providing & fixing in position the following bare GI tape, Cu wire including providing all fixing accessories & effecting proper connections.								
a.	8 SWG Cu Wire	RM	30						
<b>N6</b>	Supply and fixing of 1.1 KV grade rubber mat 914.4 mm wide 6mm thick to withstand 1.1 KV dielectric strength in front of each panel.	RM	0.5						
	<b>TOTAL OF ELECTRICAL INSTALLATION</b>								

**BOQ OF GENERAL CIVIL AND INTERIOR RENOVATION WORKS OF OFFICE FOR NATIONAL BACKWARD CLASSES FINANCE AND DEVELOPMENT CORPORATION AT 5TH FLOOR,  
N.C.U.I. BUILDING, 3, SIRI INSTITUTIONAL AREA, AUGUST KRANTI MARG, NEW DELHI**

S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
<b>O</b>		<b>FURNITURE</b>								
<b>O1</b>	NS	<b>Providing, fixing of SR. MANAGER MAIN TABLE 1650 X 750 X 750 WITH SIDE CREDENZA 1000 X 400 X 675 (T1)</b>	Nos.	2						
		<p>Office table with robust structure, good stability and a Solid Thicker look with leveling adjustment to adjust with uneven floor surface</p> <p>Table Top :- 54mm thick facia Dark colored Table top made up of 18mm thick Pre- laminated Particle board with Two batten of same thickness fixed along two long edges from bottom side which provide decorative twin colored thick edge look. The decorative trim to be connected in a way to form connectivity of 45degree with Gable end. Support Stiffener made up of M.S. rectangular pipe of 20X40X0.8mm thickness is provided for extra support for the Top of length of 1200mm and above.LEG :- 18mm thick Leg or Gable End made up of 18mm thick Pre-laminated Particle board with two batten of same thickness fixed to it from front side providing straight as well as a consolidated thicker look to table with two colored edge profile. Modesty :- Modesty Panel of lighter shade made up of 18mm thick Pre-laminated Particle board providing stability to structure and allow sufficient leg privacy to user.</p>								

S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		<p><b>SIDE CREDENZA 1000 X 400 X 750</b> :-Carcass :- Top, Side Panel, Bottom and Shelf panel of Dark shade are made up of 18mm thick pre-laminated particle board. There is grooving operation done near back side edge of Side, Top and Bottom for fixing of back panel made up of 9mm thick pre-laminated particle board of same shade.</p> <p>Shelf and Shutter :- Two adjustable shelf with five point adjustment of 64mm from lower position reference point, supported on shelf support lug &amp; Three shutters of Lighter shade made up of 18mm thick Pre-laminated particle board mounted on 0 crank hinges with the Provision of D type Aluminum alloy slim handle. Both the stutters are lockable with the help of multipurpose square lock and Tower Bolt. The rate of material is inclusive in the above item .</p>								
		<b>Providing, fixing of SR. MANAGER MAIN TABLE 1500 X 750 X 750 (T2)</b>	Nos.	3						

S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
02	NS	<p>Site table with robust structure, good stability and a Solid Thicker look with leveling adjustment to adjust with uneven floor surface</p> <p>Table Top :- 54mm thick facia Dark colored Table top made up of 18mm thick Pre- laminated Particle board with Two batten of same thickness fixed along two long edges from bottom side which provide decorative twin colored thick edge look. The decorative trim to be connected in a way to form connectivity of 45 degree with Gable end. Support Stiffener made up of M.S. rectangular pipe of 20X40X0.8mm thickness is provided for extra support for the Top of length of 1200mm and above.</p> <p>LEG :- 18mm thick Leg or Gable End made up of 18mm thick Pre-laminated Particle board with two batten of same thickness fixed to it from front side providing straight as well as a consolidated thicker look to table with two colored edge profile. Modesty : - Modesty Panel of lighter shade made up of 18mm thick Pre-laminated Particle board providing stability to structure and allow sufficient leg privacy to user.</p>								
		<b>Providing, fixing of SR. MANAGER MAIN TABLE 1350 X 750 X 750</b>	Nos.	2						



S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
03	NS	<p>Site table with robust structure, good stability and a Solid Thicker look with leveling adjustment to adjust with uneven floor surface</p> <p>Table Top :- 54mm thick facia Dark colored Table top made up of 18mm thick Pre- laminated Particle board with Two batten of same thickness fixed along two long edges from bottom side which provide decorative twin colored thick edge look. The decorative trim to be connected in a way to form connectivity of 45 degree with Gable end. Support Stiffener made up of M.S. rectangular pipe of 20X40X0.8mm thickness is provided for extra support for the Top of length of 1200mm and above.</p> <p>LEG :- 18mm thick Leg or Gable End made up of 18mm thick Pre-laminated Particle board with two batten of same thickness fixed to it from front side providing straight as well as a consolidated thicker look to table with two colored edge profile. Modesty : - Modesty Panel of lighter shade made up of 18mm thick Pre-laminated Particle board providing stability to structure and allow sufficient leg privacy to user.</p>								
		<b>SIDE TABLE 600 X 600 X 400(H) (ST1)</b>	Nos.	1						



S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
04	NS	Site table with robust structure, good stability and a Solid Thicker look with leveling adjustment to adjust with uneven floor surface Table Top :- 35mm thick facia Dark colored Table top made up of 18mm thick Pre- laminated Particle board with Two batten of same thickness fixed along two long edges from bottom side which provide decorative twin colored thick edge look. LEG :- 18mm thick Leg or Gable End made up of 18mm thick Pre-laminated Particle board with two batten of same thickness fixed to it from front side providing straight as well as a consolidated thicker look to table with two colored edge profile.								
05	NS	<b>LOW HEIGHT BACK STORAGE 2300 (W) X 400(D) X 675(H) (BU1)</b>	Nos.	1						

S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		<p>Office Table height storage with two openable shutters, usable as return storage or back unit.</p> <p>Carcass :- Top, Side Panel, Bottom and Shelf panel of Dark shade are made up of 18mm thick pre-laminated particle board. There is grooving operation done near back side edge of Side, Top and Bottom for fixing of back panel made up of 9mm thick pre-laminated particle board of same shade.</p> <p>Shelf and Shutter :- Two adjustable shelf with five point adjustment of 64mm from lower position reference point, supported on shelf support lug &amp; Five shutters of Lighter shade made up of 18mm thick Pre-laminated particle board mounted on 0 crank hinges with the Provision of D type Aluminum alloy slim handle. Both the shutters are lockable with the help of multipurpose square lock and Tower Bolt. <b>Approved Makes:- HNI, Goodrej &amp; Steelcase</b></p>								






S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
O6	NS	<p><b>LOW HEIGHT BACK STORAGE 2200 (W) X 400(D) X 675(H) (BU2)</b></p> <p>Office Table height storage with two openable shutters, usable as return storage or back unit.</p> <p><b>Carcass :-</b> Top, Side Panel, Bottom and Shelf panel of Dark shade are made up of 18mm thick pre-laminated particle board. There is grooving operation done near back side edge of Side, Top and Bottom for fixing of back panel made up of 9mm thick pre-laminated particle board of same shade.</p> <p><b>Shelf and Shutter :-</b> Two adjustable shelf with five point adjustment of 64mm from lower position reference point, supported on shelf support lug &amp; <b>Five</b> shutters of Lighter shade made up of 18mm thick Pre-laminated particle board mounted on 0 crank hinges with the Provision of D type Aluminum alloy slim handle. Both the shutters are lockable with the help of multipurpose square lock and Tower Bolt. <b>Approved Makes:- HNI, Goodrej &amp; Steelcase</b></p>	Nos.	2						

S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
07	NS	<p><b>LOW HEIGHT BACK STORAGE 2020 (W) X 400(D) X 675(H) (BU3)</b> Office Table height storage with two openable shutters, usable as return storage or back unit.</p> <p><b><u>Carcass</u></b> :- Top, Side Panel, Bottom and Shelf panel of Dark shade are made up of 18mm thick pre-laminated particle board. There is grooving operation done near back side edge of Side, Top and Bottom for fixing of back panel made up of 9mm thick pre-laminated particle board of same shade.</p> <p><b><u>Shelf and Shutter</u></b> :- Two adjustable shelf with five point adjustment of 64mm from lower position reference point, supported on shelf support lug &amp; <b>Three</b> shutters of Lighter shade made up of 18mm thick Pre-laminated particle board mounted on 0 crank hinges with the Provision of D type Aluminum alloy slim handle. Both the shutters are lockable with the help of multipurpose square lock and Tower Bolt.</p> <p><b>Approved Makes:- HNI, Goodrej &amp; Steelcase</b></p>	Nos.	1						

S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
O8	NS	<p><b>LOW HEIGHT BACK STORAGE 1400 (W) X 400(D) X 675(H) (BU4)</b></p> <p>Office Table height storage with two openable shutters, usable as return storage or back unit.</p> <p><b>Carcass:-</b> Top, Side Panel, Bottom and Shelf panel of Dark shade are made up of 18mm thick pre-laminated particle board. There is grooving operation done near back side edge of Side, Top and Bottom for fixing of back panel made up of 9mm thick pre-laminated particle board of same shade.</p> <p><b>Shelf and Shutter :-</b> Two adjustable shelf with five point adjustment of 64mm from lower position reference point, supported on shelf support lug &amp; <b>Three</b> shutters of Lighter shade made up of 18mm thick Pre-laminated particle board mounted on 0 crank hinges with the Provision of D type Aluminum alloy slim handle. Both the shutters are lockable with the help of multipurpose square lock and Tower Bolt.</p> <p><b>Approved Makes:- HNI, Goodrej &amp; Steelcase</b></p>	Nos.	1						

S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
09	NS	<p><b>LOW HEIGHT BACK STORAGE 1050 (W) X 400(D) X 675(H) (BU5)</b> Office Table height storage with two openable shutters, usable as return storage or back unit.</p> <p><b>Carcass :-</b> Top, Side Panel, Bottom and Shelf panel of Dark shade are made up of 18mm thick pre-laminated particle board. There is grooving operation done near back side edge of Side, Top and Bottom for fixing of back panel made up of 9mm thick pre-laminated particle board of same shade.</p> <p><b>Shelf and Shutter :-</b> Two adjustable shelf with five point adjustment of 64mm from lower position reference point, supported on shelf support lug &amp; <b>Three</b> shutters of Lighter shade made up of 18mm thick Pre-laminated particle board mounted on 0 crank hinges with the Provision of D type Aluminum alloy slim handle. Both the shutters are lockable with the help of multipurpose square lock and Tower Bolt.</p> <p><b>Approved Makes:- Spacewood Office Soloution (SOS), Goodrej &amp; Wipro</b></p>	Nos.	1						

S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
O10	NS	<p><b>LOW HEIGHT BACK STORAGE 1450 (W) X 400(D) X 675(H) (BU6)</b></p> <p>Office Table height storage with two openable shutters, usable as return storage or back unit.</p> <p><b>Carcass :-</b> Top, Side Panel, Bottom and Shelf panel of Dark shade are made up of 18mm thick pre-laminated particle board. There is grooving operation done near back side edge of Side, Top and Bottom for fixing of back panel made up of 9mm thick pre-laminated particle board of same shade.</p> <p><b>Shelf and Shutter :-</b> Two adjustable shelf with five point adjustment of 64mm from lower position reference point, supported on shelf support lug &amp; <b>Three</b> shutters of Lighter shade made up of 18mm thick Pre-laminated particle board mounted on 0 crank hinges with the Provision of D type Aluminum alloy slim handle. Both the shutters are lockable with the help of multipurpose square lock and Tower Bolt.</p> <p><b>Approved Makes:- HNI, Goodrej &amp; Steelcase</b></p>	Nos.	1						
O11	NS	<b>OVER HEAD STORAGE 6000x350x900H) - (OS1)</b>	Nos.	1						

S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount	
		<p>Over head storage with openable shutters.</p> <p>Carcass :- Top, Side Panel, Bottom and Shelf panel of Dark shade are made up of 18mm thick pre-laminated particle board. There is grooving operation done near back side edge of Side, Top and Bottom for fixing of back panel made up of 9mm thick pre-laminated particle board of same shade.</p> <p>Shelf and Shutter :- Two adjustable shelf with five point adjustment of 64mm from lower position reference point, supported on shelf support lug &amp; Five shutters of Lighter shade made up of 18mm thick Pre-laminated particle board mounted on 0 crank hinges with the Provision of D type Aluminum alloy slim handle. Both the stutters are lockable with the help of multipurpose square lock and Tower Bolt.Approved Makes:- HNI, Goodrej &amp; Steelcase</p>									


S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
012	NS	<p><b>OVER HEAD STORAGE 3250x350x900H - (OS2)</b>  Over head storage with openable shutters.  Carcass :- Top, Side Panel, Bottom and Shelf panel of Dark shade are made up of 18mm thick pre-laminated particle board. There is grooving operation done near back side edge of Side, Top and Bottom for fixing of back panel made up of 9mm thick pre-laminated particle board of same shade.  Shelf and Shutter :- Two adjustable shelf with five point adjustment of 64mm from lower position reference point, supported on shelf support lug &amp; Five shutters of Lighter shade made up of 18mm thick Pre-laminated particle board mounted on O crank hinges with the Provision of D type Aluminum alloy slim handle. Both the shutters are lockable with the help of multipurpose square lock and Tower Bolt. <b>Approved Makes:- Spacewood Office Soloution (SOS), Goodrej &amp; Wipro</b></p>	Nos.	1						

S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
013	NS	<p><b>OVER HEAD STORAGE 3050x350x900H) - (OS3)</b>  Over head storage with openable shutters.  Carcass :- Top, Side Panel, Bottom and Shelf panel of Dark shade are made up of 18mm thick pre-laminated particle board. There is grooving operation done near back side edge of Side, Top and Bottom for fixing of back panel made up of 9mm thick pre-laminated particle board of same shade.  Shelf and Shutter :- Two adjustable shelf with five point adjustment of 64mm from lower position reference point, supported on shelf support lug &amp; Five shutters of Lighter shade made up of 18mm thick Pre-laminated particle board mounted on 0 crank hinges with the Provision of D type Aluminum alloy slim handle. Both the shutters are lockable with the help of multipurpose square lock and Tower Bolt. <b>Approved Makes:- HNI, Goodrej &amp; Steelcase</b></p>	Nos.	1						



S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
014	NS	<p><b>OVER HEAD STORAGE 4250x350x900H) - (OS4)</b>  Over head storage with openable shutters.  Carcass :- Top, Side Panel, Bottom and Shelf panel of Dark shade are made up of 18mm thick pre-laminated particle board. There is grooving operation done near back side edge of Side, Top and Bottom for fixing of back panel made up of 9mm thick pre-laminated particle board of same shade.  Shelf and Shutter :- Two adjustable shelf with five point adjustment of 64mm from lower position reference point, supported on shelf support lug &amp; Five shutters of Lighter shade made up of 18mm thick Pre-laminated particle board mounted on O crank hinges with the Provision of D type Aluminum alloy slim handle. Both the shutters are lockable with the help of multipurpose square lock and Tower Bolt. <b>Approved Makes:- HNI, Goodrej &amp; Steelcase</b></p>	Nos.	1						

S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
O15	NS	<p><b>OVER HEAD STORAGE 3700x350x900H) - (OS5)</b>  Over head storage with openable shutters.  Carcass :- Top, Side Panel, Bottom and Shelf panel of Dark shade are made up of 18mm thick pre-laminated particle board. There is grooving operation done near back side edge of Side, Top and Bottom for fixing of back panel made up of 9mm thick pre-laminated particle board of same shade.  Shelf and Shutter :- Two adjustable shelf with five point adjustment of 64mm from lower position reference point, supported on shelf support lug &amp; Five shutters of Lighter shade made up of 18mm thick Pre-laminated particle board mounted on O crank hinges with the Provision of D type Aluminum alloy slim handle. Both the shutters are lockable with the help of multipurpose square lock and Tower Bolt. <b>Approved Makes:- HNI, Goodrej &amp; Steelcase</b></p>	Nos.	1						
O16	NS	<b>WORKSTATION TABLE 1800(W) X 600(D) X 750(H)-(WS1)</b>	Nos.	2						

S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		<p>Frame is 50 mm thick and made of Aluminium Extrusions of 1.2 mm to 1.5mm thickness. The System is complete hollow system with space for wire reticulation . All the frames will be duly powder coated . All the frames are fastened together by means of M6 NUTS &amp; BOLTS . All the frames are fitted with M10 leveling bolts.</p> <p>board.Raceway :-The raceway cover are sliding type and are integrally fitting inside frame and are made out of 0.8mm - 1mm thick CRCA steel &amp; powder coated. The electrical raceway can be provided below worktop or above worktop.The partition has two integrated raceway provided one at skirting level and another at the work surface level thus ensuring separation of power and networking cables. The free space available within raceway accommodates power, data and communication cables. The cable can be taken into the Frame from the floor from the bottom.</p> <p>Tiles: Fabric Tile: Constructed out of 5mm thick Medium Density Fiber Board (MDF) and covered with Fabric of choice. Laminate Tile: Made out of 5mm - 8mm thick Pre-laminated Medium Density Fiber Board (MDF)</p>								
										

S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		<p>Bottom Row of Steel Tile: Constructed out of 0.8mm CRCA sheet and finished in epoxy powder coating. Can be given with plain / perforations / embossed finishes. Magnetic tile: Constructed out of 0.8mm Galvanized sheet and covered with fabric of choice. Whiteboard marker tiles: Made out of 4mm MDF with 1mm glossy highly wear resistant face laminate . Total thickness is 5mm. Table tops and Gable ends are of 25mm thk Pre-laminated particleboards conforming to IS : 12823 Interior Grade. All Worktops to have Metal Insets for fixing screws. Specially designed powder coated M.S. brackets having 2mm thickness fixed to the partition frame support the tabletops. Gable ends are of 25mm thk. both side laminate (BSL) with 2mm PVC edge banding on front side. Gable Ends are fixed with 3mm thick MS brackets to Frame and with 3mm thick Brackets to Worktops. Sealed edge in table top and gable ends are with 2mm thick PVC edge banding on Working side and 0.8mm thick edge banding on non working side. <b>Approved Makes:- HNI, Goodrej &amp; Steelcase</b></p>								
<b>017</b>	NS	<b>WORKSTATION TABLE 1200(W) X 600(D) X 750(H)-(WS2)</b>	Nos.	15						

S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		<p>Frame is 50 mm thick and made of Aluminium Extrusions of 1.2 mm to 1.5mm thickness. The System is complete hollow system with space for wire reticulation . All the frames will be duly powder coated . All the frames are fastened together by means of M6 NUTS &amp; BOLTS . All the frames are fitted with M10 leveling bolts.board.Raceway :-The raceway cover are sliding type and are integrally fitting inside frame and are made out of 0.8mm - 1mm thick CRCA steel &amp; powder coated. The electrical raceway can be provided below worktop or above worktop.The partition has two integrated raceway provided one at skirting level and another at the work surface level thus ensuring separation of power and networking cables. The free space available within raceway accommodates power, data and communication cables. The cable can be taken into the Frame from the floor from the bottom. Tiles: Fabric Tile: Constructed out of 5mm thick Medium Density Fiber Board (MDF) and covered with Fabric of choice. Laminate Tile: Made out of 5mm - 8mm thick Pre-laminated Medium Density Fiber Board (MDF)</p>								

S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		<p>Bottom Row of Steel Tile: Constructed out of 0.8mm CRCA sheet and finished in epoxy powder coating. Can be given with plain / perforations / embossed finishes. Magnetic tile: Constructed out of 0.8mm Galvanized sheet and covered with fabric of choice. Whiteboard marker tiles: Made out of 4mm MDF with 1mm glossy highly wear resistant face laminate . Total thickness is 5mm. Table tops and Gable ends are of 25mm thk Pre-laminated particleboards conforming to IS : 12823 Interior Grade. All Worktops to have Metal Insets for fixing screws. Specially designed powder coated M.S. brackets having 2mm thickness fixed to the partition frame support the tabletops. Gable ends are of 25mm thk. both side laminate (BSL) with 2mm PVC edge banding on front side. Gable Ends are fixed with 3mm thick MS brackets to Frame and with 3mm thick Brackets to Worktops. Sealed edge in table top and gable ends are with 2mm thick PVC edge banding on Working side and 0.8mm thick edge banding on non working side. <b>Approved Makes:- HNI, Goodrej &amp; Steelcase</b></p>								
<b>018</b>		<b>WORKSTATION TABLE 2600(W) X 600(D) X 750(H)-(WS3)</b>	Nos.	1						



S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		<p>Frame is 50 mm thick and made of Aluminium Extrusions of 1.2 mm to 1.5mm thickness. The System is complete hollow system with space for wire reticulation . All the frames will be duly powder coated . All the frames are fastened together by means of M6 NUTS &amp; BOLTS . All the frames are fitted with M10 leveling bolts.board.Raceway :-The raceway cover are sliding type and are integrally fitting inside frame and are made out of 0.8mm - 1mm thick CRCA steel &amp; powder coated. The electrical raceway can be provided below worktop or above worktop.The partition has two integrated raceway provided one at skirting level and another at the work surface level thus ensuring separation of power and networking cables. The free space available within raceway accommodates power, data and communication cables. The cable can be taken into the Frame from the floor from the bottom. Tiles: Fabric Tile: Constructed out of 5mm thick Medium Density Fiber Board (MDF) and covered with Fabric of choice. Laminate Tile: Made out of 5mm - 8mm thick Pre-laminated Medium Density Fiber Board (MDF)</p>								

S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		Bottom Row of Steel Tile: Constructed out of 0.8mm CRCA sheet and finished in epoxy powder coating. Can be given with plain / perforations / embossed finishes.Magnetic tile: Constructed out of 0.8mm Galvanized sheet and covered with fabric of choice. Whiteboard marker tiles: Made out of 4mm MDF with 1mm glossy highly wear resistant face laminate . Total thickness is 5mm. Table tops and Gable ends are of 25mm thk Pre-laminated particleboards conforming to IS : 12823 Interior Grade. All Worktops to have Metal Insets for fixing screws. Specially designed powder coated M.S. brackets having 2mm thickness fixed to the partition frame support the tabletops. Gable ends are of 25mm thk. both side laminate (BSL) with 2mm PVC edge banding on front side. Gable Ends are fixed with 3mm thick MS brackets to Frame and with 3mm thick Brackets to Worktops. Sealed edge in table top and gable ends are with 2mm thick PVC edge banding on Working side and 0.8mm thick edge banding on non working side.Approved Makes:- HNI, Goodrej & Steelcase								
<b>O19</b>	NS	<b>WORKSTATION TABLE L-SHAPE 3000x600x750H + 1800x600x750H - (WS4)</b>	Nos.	1						



S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		<p>Frame is 50 mm thick and made of Aluminium Extrusions of 1.2 mm to 1.5mm thickness. The System is complete hollow system with space for wire reticulation . All the frames will be duly powder coated . All the frames are fastened together by means of M6 NUTS &amp; BOLTS . All the frames are fitted with M10 leveling bolts.board.Raceway :-The raceway cover are sliding type and are integrally fitting inside frame and are made out of 0.8mm - 1mm thick CRCA steel &amp; powder coated. The electrical raceway can be provided below worktop or above worktop.The partition has two integrated raceway provided one at skirting level and another at the work surface level thus ensuring separation of power and networking cables. The free space available within raceway accommodates power, data and communication cables. The cable can be taken into the Frame from the floor from the bottom. Tiles: Fabric Tile: Constructed out of 5mm thick Medium Density Fiber Board (MDF) and covered with Fabric of choice. Laminate Tile: Made out of 5mm - 8mm thick Pre-laminated Medium Density Fiber Board (MDF)</p>								

S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		Bottom Row of Steel Tile: Constructed out of 0.8mm CRCA sheet and finished in epoxy powder coating. Can be given with plain / perforations / embossed finishes. Magnetic tile: Constructed out of 0.8mm Galvanized sheet and covered with fabric of choice. Whiteboard marker tiles: Made out of 4mm MDF with 1mm glossy highly wear resistant face laminate . Total thickness is 5mm. Table tops and Gable ends are of 25mm thk Pre-laminated particleboards conforming to IS : 12823 Interior Grade. All Worktops to have Metal Insets for fixing screws. Specially designed powder coated M.S. brackets having 2mm thickness fixed to the partition frame support the tabletops. Gable ends are of 25mm thk. both side laminate (BSL) with 2mm PVC edge banding on front side. Gable Ends are fixed with 3mm thick MS brackets to Frame and with 3mm thick Brackets to Worktops. Sealed edge in table top and gable ends are with 2mm thick PVC edge banding on Working side and 0.8mm thick edge banding on non working side. Approved Makes:- HNI, Goodrej & Steelcase								
<b>O20</b>	NS	<b>LAMINATE PEDESTAL (2D+1F) WITH LEVLLER @400L x 450D x 685HT With Levller</b>	Nos.	19						

S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		Carcass & Facia made up of 18mm thick Pre-laminated particle board. Back Panel from 9mm PPB. All exposed edges are sealed with 2mm thick PVC edge-band & Non-exposed edges with 0.8mm thick PVC edge-band .Approved Makes:- HNI, Goodrej & Steelcase								
										
<b>021</b>	NS	<b>STORAGE UNIT 1500(W) X 400(D) X 1200(H) (S1)</b>	Nos.	3						
		Office Table height storage with two openable shutters, usable as return storage or back unit. Carcass :- Top, Side Panel, Bottom and Shelf panel of Dark shade are made up of 18mm thick pre-laminated particle board. There is grooving operation done near back side edge of Side, Top and Bottom for fixing of back panel made up of 9mm thick pre-laminated particle board of same shade. Shelf and Shutter :- Two adjustable shelf with five point adjustment of 64mm from lower position reference point, supported on shelf support lug & Three shutters of Lighter shade made up of 18mm thick Pre-laminated particle board mounted on 0 crank hinges with the Provision of D type Aluminum alloy slim handle. Both the shutters are lockable with the help of multipurpose square lock and Tower Bolt. Approved Makes:- HNI, Goodrej & Steelcase								
										
<b>022</b>	NS	<b>STORAGE UNIT 1350(W) X 400(D) X 1200(H) (S2)</b>	Nos.	2						

S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		<p>Office Table height storage with two openable shutters, usable as return storage or back unit.</p> <p>Carcass :- Top, Side Panel, Bottom and Shelf panel of Dark shade are made up of 18mm thick pre-laminated particle board. There is grooving operation done near back side edge of Side, Top and Bottom for fixing of back panel made up of 9mm thick pre-laminated particle board of same shade.</p> <p>Shelf and Shutter :- Two adjustable shelf with five point adjustment of 64mm from lower position reference point, supported on shelf support lug &amp; Three shutters of Lighter shade made up of 18mm thick Pre-laminated particle board mounted on 0 crank hinges with the Provision of D type Aluminum alloy slim handle. Both the shutters are lockable with the help of multipurpose square lock and Tower Bolt.</p> <p>Approved Makes:- HNI, Goodrej &amp; Steelcase</p>								



S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
O23	NS	<p><b>STORAGE UNIT 880(W) X 300(D) X 750(H) (S3)</b> Office Table height storage with two openable sliding shutters, usable as storage</p> <p><b><u>Carcass :-</u></b> Top, Side Panel, Bottom and Shelf panel of Dark shade are made up of 18mm thick pre-laminated particle board. There is grooving operation done near back side edge of Side, Top and Bottom for fixing of back panel made up of 9mm thick pre-laminated particle board of same shade.</p> <p><b><u>Shelf and Shutter :-</u></b> Two adjustable shelf with five point adjustment of 64mm from lower position reference point, supported on shelf support lug &amp; Two shutters of Lighter shade made up of 18mm thick Pre-laminated particle board mounted on 0 crank hinges with the Provision of D type Aluminum alloy slim handle. Both the shutters are lockable with the help of multipurpose square lock and Tower Bolt.</p> <p><b>Approved Makes:- HNI, Goodrej &amp; Steelcase</b></p>	Nos.	6						

S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
O24	NS	<p><b>STORAGE UNIT 3000(W) X 450(D) X 2700(H) (S4)</b> Office Table height storage with two openable shutters, usable as return storage or back unit.</p> <p><b>Carcass :-</b> Top, Side Panel, Bottom and Shelf panel of Dark shade are made up of 18mm thick pre-laminated particle board. There is grooving operation done near back side edge of Side, Top and Bottom for fixing of back panel made up of 9mm thick pre-laminated particle board of same shade.</p> <p><b>Shelf and Shutter :-</b> Two adjustable shelf with five point adjustment of 64mm from lower position reference point, supported on shelf support lug &amp; Three shutters of Lighter shade made up of 18mm thick Pre-laminated particle board mounted on 0 crank hinges with the Provision of D type Aluminum alloy slim handle. Both the shutters are lockable with the help of multipurpose square lock and Tower Bolt.</p> <p><b>Approved Makes:- HNI, Goodrej &amp; Steelcase</b></p>	Nos.	1						
O25	NS	<p><b>METAL KEYBOARD TRAY CRCA</b> Sheet duly powder coated 45-60 micron thickness on metal surface of approved shade. <b>Approved Makes:- HNI, Goodrej &amp; Steelcase</b></p>	Nos.	22						
O26	NS	<p><b>METAL CPU TROLLEY</b> Floor CPU trolley with 4 nos of lockable castors made of 0.8mm CRCA sheet duly powder coated . <b>Approved Makes:- HNI, Goodrej &amp; Steelcase</b></p>	Nos.	22						
O27	NS	<b>KITCHEN CABINETS AND WORKTOP</b>								

S. No.	DSR/ NDSR	Description of item	Unit	Qty	Rate in Figure	Rate in Words	Amount (Qty x Rate)	CGST	SGST	Total Amount
		Providing and Fixing in position Kitchen Modular Cabinetry 600 deep below counter and 350 deep above counter made with 18mm thk. HDF Board with 1.5mm thk. Laminate on shutter and drawer fascia including all necessary hardware / accessories, inside surfaces finished with synthetic Enamel paint of approved shade all complete as per drawings and instructions of Engineer in Charge.								
		Under Counter Modular Cabinets 1.7m x .6m x .80m Height consisting of drawers, shutters, top with 18-20mm thk. Granite Stone top, shelves all complete as per drawings and specifications including all necessary hardware	Nos.	1						
		Shutters below Kitchen Sink .8mX.8 Height all complete as per drawings and specifications including all necessary hardware	Nos.	1						
		Overhead Cabinets 2.30m x .8m x .35m depth with intermediate shelf and double openable shutters all complete with as per drawing and with all necessary hardware.	Nos.	1						
		<b>TOTAL OF FURNITURE</b>								