



Part – II

Financial Bid

Schedule of Work

The financial bid shall cover the following works for execution:

1. Carrying out survey as required and soil testing to ascertain the foundation of the building.
2. Submitting the structural design & drawing duly checked by any IIT.
3. Submitting all drawings for internal & external services necessary within the plot including over head tank, boundary etc.
4. Construction of building with specifications laid under including all material & labour required, also including the cost of lift elevator, , DG set for common services, development of park & parking, boundary, Transformer, external electrification, lights and other development works required within the plot, etc.

SPECIFICATIONS, FINISHING & FIXTURES:

1. Structure

To be designed as Earthquake – resistant RCC Frame structure/ RCC shear wall structure, Combination of RCC frame with brick-wall structure. Structural design to be checked by IIT.

2. Finishing Specifications for (a) Dhenumati Apartment

Flooring : Italian marble in Living/Dining Room/Drawing Room, lobby, guest room. Wooden floor on PCC in bed room.

Walls : Oil Bound Distemper on interior walls & weather coat exterior finish.

Doors Frames : Hard wood frames.

Door shutter : Teak wood fully paneled external door. Fully paneled internal door shutter with teak ply & teak wood frame. Mosquito proof net shutter on external doors.

Windows : uPVC with mosquito net shutter.

Other : Power Point Provision for A/C in all rooms.

Kitchen

Flooring : Italian marble floor.





Walls : 2' high Ceramic Tiles dado along working platform & Oil Bound Distemper.
Other : Granite working top, Stainless Sink with drain Board & Modular kitchen cabinets.

Toilets

Flooring : Anti-skid Ceramic Tiles.

Walls : 7' high Ceramic Tiles & Oil Bound Distemper.

Internal Doors : Hard wood frame with flush door.

Others : Mixer in each toilet. Good quality C.P. fittings, Indian W.C. seat in one toilet & European W.C. seat in other toilets Mirror, Soap Dish, Towel Rail etc.

Balconies

Flooring : Anti-skid Ceramic Tiles.

Walls : Tiles Skirting & Oil Bound Distemper.

Door and Electrical fittings:

Anodised aluminum door fittings (Aldrop, Tower Bolt etc.) Concealed PVC conduit with copper conductor. Modular type electrical switches, without any fixtures.

Wardrobe

All wardrobe spaces in Bedrooms, Drawing/Dining, Kitchen to be provided without any woodwork.

Fire Safety

All mandatory fire safety measures to be incorporated in the design and planning.

Rain water Harvesting

Roof top rain water harvesting arrangement to be devised.

(b) Sargam Apartment

Living/Dining Room/Drawing Room/Bedrooms

Flooring : Vitrified Tiles.

Walls : Tiles Skirting & Oil Bound Distemper.

Internal Doors : Hard wood frames with flush door, acrylic paint finish.

External Door: Hard Wood frames, decorative main door with Spa paint finish. Wooden shutters in high gloss paint finish. Mosquito proof net shutter.

Kitchen

Flooring : Vitrified Tiles.

Walls : 2' high Ceramic Tiles dado along working platform & Oil Bound Distemper.

Internal Doors : Sal wood frame with flush door. High gloss paint finish.

Other : Granite working top, Stainless Sink with drain Board.

Toilets

Flooring : Anti-skid Ceramic Tiles.



बहादुर बगियानी
प्रमुख विकास अधिकारी



Walls : 7' high Ceramic Tiles & Oil Bound Distemper.
Others : Wash basin in each toilet. Good quality C.P. fittings, Indian W.C. seat in one toilet & European W.C. seat in other toilets Mirror, Soap Dish, Towel Rail etc.

Balconies

Flooring : Anti-skid Ceramic Tiles.

Walls : Tiles Skirting & Oil Bound Distemper.

Windows : UPVC windows with glazed and mosquito proof shutter.

Door/ Electrical fittings:

Anodised aluminum door (Aldrop, Tower Bolt etc.) Concealed PVC conduit with copper conductor. Modular type electrical switches, without any fixtures.

Wardrobe

1. All wardrobe spaces in Bedrooms, Drawing/Dining, Kitchen to be provided without any woodwork.

Fire Safety

All mandatory fire safety norms have to be incorporated in the design and planning.

Rain water Harvesting

Roof top rain water harvesting arrangement has to be devised.

LIST OF MATERIALS OF APPROVED MAKES

Unless identified in the nomenclature, the materials of first/standard quality from the following approved makes are to be used. In case it is established that the brands specified below are not available in the market, contractor shall submit alternative proposal for approval of the Engineer-in-Charge.

CIVIL WORK

S.No.	Description	Approved Manufacture/Brand Name
1.	Ceramic Tiles	Somani, Kajaria, Jhonson, NITCO, Orient, or equilent
2.	Primers, paints	Nerolac, Asian, Berger, Jonsons & Nicholson
3.	Sanitary ware and fittings	Parryware, Hindware, CERA, Neycer, Seabird/Orient (coral), Classica
4	Water proofing compound -	Mc Bauchemie, CICO, FOSROC, PIDILITE
5	Glass Panes	Modi, Saint Gobin, Atul, Triveni. TATA



STATE ENGINEER
 WATER SUPPLY DEPT.



List of Electrical Items:

- | | |
|---|-----------------------------------|
| 1. DG Set Approved Vendors | :Powerica / Jakson / supernova |
| 2. Moulded Case Circuit Breakers | / Sdhir / Excel / Rai Power |
| 3. Power / auxiliary Contactors | :L&T / GE / Schneider / Relays |
| 4. LT panels | / Starters |
| 5. Capacitors | :L&T / Schneider / Relays |
| | / Starters |
| | :CPRI certified manufacturer. |
| | :L&T Meher / Ducati EPSOD / |
| | Asian / Khantad / Jenkar |
| 6. APFC Relays | |
| 7. MCB Distribution Boards | :L&T / Siemens / Epcos / Dugati |
| 8. Miniature Circuit Breakers | :L&T Hager / Standard / Havells |
| 9. ELCB / RCCB | / Vinay |
| 10. LT cables | :L&T Hager / Standard / |
| 11. Light Fittings | Havells / Vinay |
| | :L&T Hager / Standard / Havells |
| | / Vinay |
| | :Polycab/KEI/ Gloster/ Prime |
| | cab/ Avocab |
| 12. Lamps | :Wipro / Thorn / Philips / Bajaj/ |
| 13. PVC / MS conduits | Crompton Greaves |
| 14. PVC insulated Copper wires | :Osram / Philips |
| 15. Modular Switches & Socket outlet | :ISI Market |
| 16. Metal Clad socket outlet with Boxes | :ISI Market |
| 17. Lifts | :ISI Market |
| 18. Switch Fuse Units with HRC fuses | :ISI Market |
| 19. Telephone Cables | :Johnson / Omega/Supriya/ Otis |
| | :Standard / Control Switchgear |
| | :Varsha / Sigma / Selton / |
| | Equivalent |
| 20. Telephone tag blocks | :Krone |
| 21. RJ 11 telephone Socket | :ISI Market |

List of Sanitary and plumbing Items:

Sl. No.	Description of Items	Make / Model No.	Alternate make
1	Floor mount EWC	Parryware 0297	Hindware
2	Rectangular Shaped wash basin,	Parryware 0436	Hindware
3	Kitchen sink	Nirali Elegance	Jayna
4	C.P. Pillar Cock	Mini	
5	CP Brass health faucet with Two Way bibcock	Jaquar 021	Ess Ess Trend series
		Jaquar - 041+0563	Ess Ess Trend series



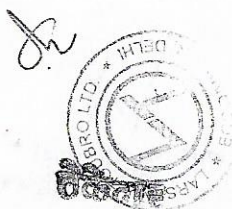
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6	2 in one Wall mixer, Shower rose and shower arm	Jaquar 273+491+483	-	Ess Ess Trend series
7	Long body C.P. brass bib cock	Jaquar - 107	-	Ess Ess Trend series
8	Towel rail	Jaquar - 1111		Ess Ess Trend series
9	Angle valve	Jaquar - 059		Ess Ess Trend series
10	Soap dish	Jaquar - 1131		Ess Ess Trend series
11	G.I. pipes	Tata, Jindal		Zenith
12	C.I. soil / waste pipe As per IS 1729	Neco		BIC
13	C.I. floor Trap	Neco		BIC
14	CPVC pipes of SDR 13.5 & 11 and fittings	Astral		Ashirwas
15	Insulation tubing of 6mm thick	Vidoflux		Armaflux
16	Valves	Zoloto		Sant
17	Medium duty CI manhole cover	Neco		BIC
18	UPVC pipes & fittings	Supreme		Kissan, Prince, Astral
19	Submersible Dewatering pumps	Zenith		MBH
20	HDPE pipes	Supreme		Kissan, Prince, Astral
21	Morioblock pumps	MBH		Kirloskar
22	Stoneware pipes	ISI Make		
23	Hume Pipes of NP2 class as per IS 458:2003	OSI Make		

Development Works

Roads & parking – Cement Concrete, **Boundary** – Brick work / cc, **Gates** – Mild steel section, **Water distribution lines** – G.I. / HDPE pipes, **Waste water / Drainage** – RCC Hume pipe.



वहापक अभियंता
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