

FINANCIAL BID

SPECIFICATION OF WORKS FOR PROPOSED BUILDING OF KARNATAKA STATE SOUHARDA FEDERAL COOPERATIVE LIMITED REGIONAL OFFICE AT KALABURAGI.

Area Statement:-

PART A Civil Works ,Electrical & Plumbing Works

Cellar Floor	-	1731.00 Sft
Ground Floor	-	2028.00 Sft
First Floor	-	2028.00 Sft
Terrace Floor	-	285.00 Sft
Total Area	-	6072.00 Sft (Approximately)

PART B MISCELLANEOUS

Compound wall Length- 268.00 Running Feet.
(Including 2 Gates 10 ' feet & 5' feet width)

PART C Other Miscellaneous Works

RCC Sump tank Capacity- 12,000 liters.
Borewell :- 1 Unit.

PART D:- Electrical Transformer ,Panel Board Installation ,Transformer Yard construction & Liasoning & Power Connection.

- Bidders / Tender Participants are informed to Quote the rate per square feet (inclusive of GST) for **PART A Civil ,Electrical & Plumbing Works** of Built-up area for framed structure on RCC columns with materials.
- Lumsum Rate(inclusive of GST) for Compound wall **PART B** as per the drawing .
- Sumptank ,Borewell **PART C** also quoted on Lumsum basis.
- Electrical Transformer & Panel Board material cost & Govt deposit amount will be paid by KSSFCL ,Lumsum rate should be quoted for Liasoning & Power Connection Works to be done by Contractor.

PART A.:- CIVIL, ELECTRICAL & SANITARY PHP WORKS

CIVIL WORKS

Specifications and standards of materials that will be used for construction are as follows:

- **Cement:** OPC 43 Grade of Brands Ultratech, ACC, Brila Shatki (Vasavadatta)
- **Steel:** FE-500 of Brands Rajuri, JSW, Indus, Kamadenu and Equivalent.
- **Brick:** Good quality bricks of standard size Compression strength 3.5N/Sqmm

1. Excavation for foundations:

- As per Structural Drawings issued during Work.
- If Foundation met with Black cotton soil in Basement have to fill 1feet with new Gravel I.e., HARD MURROM / RED SOIL.

2. C.C Bed, Basement and Basement Bed:

- As per Structural Drawings issued during Work.

3. RCC Footing and Columns, Beams, Slab and Lintels:

- As per Structural Drawings issued during Work.

4. Brick masonry: 9" inch thick and 4" inch thick Brickwall for Internal& External Walls with C.M 1:6 proportion.

5. Plaster with cement: 12mm thick Plaster with double sponge for both inner and outer walls with Mortar of 1:6 Proportion & 1:3 Proportion for Ceiling.

6. Ceiling height: 11.50 feet .

7. RCC Chajja:

- **For windows:** 2' feet Projection.
- **Room chajja / Loft :** 3' feet Projection.

8. Doors:

- **Main Entrance Doors:** Rolling Shutter with Glass Door as per dimensions with Usage 12 mm Toughened Glass of Saint Gobain brand.
- **Rest All Doors:** Waterproof blackboard(BWP) with suitable colour laminates with Greenply Ecotech ,Century or Equivalent Brands.(if any flush doors requirement as per Architect Suggestion Usage of Ambi Black , Green Ply Ecotec , Niki.
- **Door fittings:** Latches, hinges and tower bolts etc. are fitted with SS

Materials by following brands Godrej,Dorma , Dorset ,Ozone or Equivalent.

9. Windows: UPVC three track sliding shutters of brand Fenestech and with grill of 12mm Square or Round Rods.

10. Flooring:

- **Vitrified tiles Nano Finish** of approved shade for all rooms apart from Staircase and Corridors of Kajaria,NITCO, EURO,Marbonite, Somani, RAK, Simpolo, Jhonson or Equivalent Brands.
- **Wall tiles Ceramic tiles** of approved shade for all rooms apart from Staircase and Corridors of Kajaria, Somani, NITCO,RAK, Simpolo, Jhonson or Equivalent Brands.

11. Granite: Used for stair case steps, Common Area (wherever required). Price Rs. 100/- , Steps edge should be 40 mm thick & Polished as per directions of Engineer Incharge.

12. Other specifications:

- **Glass for windows** are of Saint - Gobain or Equivalent.
- **Stairs and balcony railing:** Stainless steel material with SS316 or SS304 or Equivalent.
- **Paint:** Asian Paints Royale for Internal & ACE ,APEX ,ULTIMA or Equivalent for External.
- **Wall putty :** Coating of interior walls are double coated with JK Wall Putty or Equivalent.

13. Water Proofing

Integral cement based waterproofing treatment including Brick bat and all Finishing with FOSROC Chemical usage.

14. Plinth Protection

Plinth Protection by laying PCC and Finishing all around the building.

15. RMC Concrete

By using ACC ,ULTRATECH ,DALMIA or Equivalent by RMC Certified Agency.

16. Distemper

Asian ,Berger, Nippon,dulux or Equivalent.

17. Stainless steel bolts ,screws ,nuts ,washers & Steel screws

Kundan ,PUJA,ATUL, GKW ,Nettle fold or Equivalent.

18. Testing

All Cube test must & should be done and should have test from ISO certified labs only.

All Materials should be done from NABL Accredited & ISO Certified labs.

PLUMBING / SANITARY WORKS

19. Bathroom fittings:

- Western style (Single Piece with flush tank), Indian WC, Wash basin, Taps, Shower with handset are of Hindware, Jaquar, Cera, Parryware or Equivalent.

20. Plumbing and Water Supply materials:

- **UPVC pipes** are Supreme, Prince, Finales, Nandhi or Equivalent .
- **CPVC Pipes** Ashirwad , Flow guard, Astral brand pipes are used for bathroom.
- **CP Brass Fittings** of Jaguar, Aquaplast & Marc.
- **Toilet Accessories** :- Prayag India .
- **Vitreous China wares** :- Parryware , Hindware or Equivalent.
- **CI Manhole cover** :- NECO / RIF.
- **SFRC Manhole & Road Gully covers / Grating** :- KK / Manhole Chambers Gratings pvt Ltd/ SFP.
- **Hot water Insulation**:- Thermaflex, Karflex.
- **Anticorrosive Tape for pipe protection** :- PYP KOTE.
- **UPVC Pressure pipes**:- Supreme/ Jain.
- **Epoxy Paint**:- MRF / Berger / J&N.

ELECTRICAL WORKS

- **Electrical Wires** :- Usage of V-Guard , Anchor, Polycab , Power flux Brand.
- **Switches & Sockets** :- MK – Ivory , Crab Tree-Thames , Siemens or Equivalent.
- **SFU'S/ Isolators** :- Siemens/L&T / Merlin Gerin.
- **MCB with ELCB** :- MDS , L&T , SCHNEIDER.
- **MCB DB** :- MDS , L&T , SCHNEIDER.
- **MCB with ELCB** MDS / L&T / SCHNEIDER
- **MCB DB** L&T / MDS / SCHNEIDER
- L.V Power / Control Cables KEI / Universal / Polycab
- Control Fuse Base with HRC
- **Fuse** GE/ L&T
- **Selector Switch** Salzer / Kaycee
- **Wires** Polycab / Power flux / KEI/Anchor
- **MS Conduit** Supreme / BEC / Gupta
- **PVC Conduit** PRECISION/ AVON PLAST / Finolex/ AKG

- **Accessories for PVC Conduit** PRECESION/ CLIPSAL/AVON PLAST/ Finolex /Vasavi
- **Switches & Sockets** MK - Ivory/ Crab Tree - Thames / Siemens
- **Capacitors** Epcos / Mehar /GE / L&T
- **ACB Siemens** (Sentron – WL) / L& T (U Power) /SCHNEIDER [Master Pact – NW(France)]
- **Light Fittings** Philips /Crompton / Wipro / Elenserve.
- **Fans** Crompton / Khaitan /Orient
- **MCCB** Siemens (Sentron – VL) /L& T / SCHNEIDER [NS Compact (France)]
- **Jointing Kits** Rey Chem / Mseal
- **Energy Meter** L&T / Enercon
- **Cable Tray (GI)** PROFAB / Pinnakle / PIFAB/Pearl/
- **Battery** Exide / AMCO / Amar raja
- **Street light posting-Solar panel and lighting** Elenserve.lighting /Bajaji/M-light
- **ELECTRONIC REGULATORS** MK, ANCHOR
- **MCCBs** L&T, GE, ABB, SIMENS
- **TELEPHONE OUTLETS:** ANCHOR ROMA, NORTH WEST, MK
- **CEILING FANS** CROMPTON GREAVES / KHAITHAN/ USHA Model to be appd. By the architect.
- **EXHAUST FANS** ALMONARD / CROMPTON

PART B :- MISCELLANEOUS WORKS

Compound Wall:- Surround 5' feet height & 6" inch thick Concrete block wall with concrete block pillars for every 10 feet interval & RCC Pillars of 1'× 1' feet at Entrance for Gate No.1 with opening of 10 feet Width with 2 MS Grill Shutters & Gate No.2 with Opening of 5 feet width with Single MS Grill Shutter , Excavation & SSM Work as per Structural Drawings ,Coping Concrete on top of wall with 2" thick & Plastering band of 2" inches ,Plastering for compound wall is 1:6 Proportion Mortar & Compound wall Cross section will be given in Structural Drawings.

Water Drain out pipes to be connected at 2 Gates .

Toilets at Set back Area on Ground floor:- 2 No's of Indian Lavotry Toilets attached to Compound Wall with each toilet measures 5 ' × 3' feet & 7' feet height & 6" inch thick wall & with 6" thick RCC Top covering Slab , Excavation as per Cross -Sectional drawing, Toilets door opening with minimum 2.5 ' feet , Fibre Door Frame with Shutter of Alstona ,Since, Fenestech or Equivalent Brands.

Urinals :- 4 No's of Urinal sink with Fibre & Glass partitions in between each of them & Tile flooring with 1 feet above from FFL.

Flooring at Setback Area & Front side :- Surround the building from Building Wall towards Compound Wall 1 metre wide 4" inch thick PCC of M10 Grade & 2" inch thick Finishing Screed Concrete on top of it.

PART C:- BOREWELL & SUMP TANK

- **Bore well:-** Digged upto the depth of 350 to 400 Feet & Fitted with 9 inch casing pipe and 6 inch filter pipe & installation of TEXMO Motor Pump.
- **Sump Tank :-** RCC Sump tank at Basement floor with PCC Bed & RCC Bottom & Slabs (as per specifications of Structural Drawings) with 2 × 2 feet opening in Top Slab which is to be covered by Manhole Cover of SS/ Cast Iron / CI Tank Capacity should be 12,000 litres (Twelve Thousand litres of Water) .

PART D:- Electrical Transformer ,Panel Board Installation ,Transformer Yard construction & Liasoning & Power Connection.

- Electrical Transformer & Panel Board material cost & Govt deposit amount will be paid by KSSFCL , Liasoning & Power Connection Works to be done by Contractor.

ATTACHMENT:

- All Floor Plans
- Section and Elevation Drawings.

Note :-

- Roof Area of each floor is considered for Measurement.
- All Rates should be quoted inclusive of GST.
- NO PRICE ESCALATION on any Materials / Works .
- Any missing works in this Specification letter will informed by Engineer incharge during the respective dated Meetings / Works.
- Additional Excavated Soil remained after Successfull backfilling of Footings & all type of Debries to be removed out of Site by Contractor's risk.

Sl.No	Description	UNIT	Rate/ Sq.feet	Amount
1	Part A Civil Electrical & Plumbing			
	Basement Floor			
	Ground Floor			
	First Floor			
	Terrace Floor			
	Total	Area = 6072Sq.feet		Total Amount of PART A
2	PART B Miscellaneous Work		Lumsum	
				Total Amount of PART B
3	PART C Other Miscellaneous Works		Lumsum	
				Total Amount of PART C
4	PART D Electrical Transformer ,Panel Board Installation ,Transformer Yard construction & Liasoning & Power Connection.		Lumsum	
				Total Amount of PART D