

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
<u>Total Area</u>	-	<u>6072.00 Sft (Approximately)</u>

PART B MISCELLANEOUS

- Compound wall Length- 268.00 Running Feet.
(Including 2 Gates 10 ' feet & 5' feet width)
- Toilets (2No's) & Urinals (4No's) on Setback Area at Ground Floor.

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 .
- Sump tank ,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) or Equivalent.
- **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,Ebaco , Dorset ,Ozone or Equivalent.

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

10. Flooring:

- **Vitrified tiles “Nano Finish” (2 ×2)** 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 upto 7' feet height.

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 (4mm thick).
- **Stairs and balcony railing:** Stainless steel material with SS316 or SS304 or Equivalent.
- **Paint:** Asian Paints Royale for Internal & ACE ,APEX or Equivalent for External.
- **Wall putty :** Coating of interior walls are double coated with JK Wall Putty or Equivalent.
- **Front Elevation works:** As per the Elevation drawing by using ACP and glass Works .

13. Water Proofing

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

If required Basement Perculation system is to be considered at Basement floor drawings will be execution if this work is necessary *

14. Plinth Protection

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

15. RMC Concrete

While using RMC Concrete above mentioned Cement Brands should be used.

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

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

17. 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

18. 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.

19. Plumbing and Water Supply materials:

- **UPVC pipes** are Supreme, Prince, Finolex, Nandhi or Equivalent .
- **CPVC Pipes** Ashirwad ,Flow guard, Astral or Equivalent brand pipes are used for bathroom or Equivalent.
- **CP Brass Fittings** of Jaguar or Equivalent.
- **Toilet Accessories** :- Prayag India or Equivalent .
- **Vitreous China wares** :- Parryware ,Hindware or Equivalent.
- **Anticorrosive Tape for pipe protection** :- PYP KOTE or Equivalent.
- **Epoxy Paint**:- MRF / Berger / J&N or Equivalent.

ELECTRICAL WORKS

- **Electrical Wires** :- Usage of V-Guard ,Anchor, Polycab ,Power flux Brand or Equivalent.
- **Switches & Sockets** :- MK – Ivory ,Crab Tree-Thames , Siemens or Equivalent.
- **MCB with ELCB** :- MDS ,L&T , SCHNEIDER or Equivalent .
- **MCB DB** :- MDS ,L&T , SCHNEIDER or Equivalent.
- **MCB with ELCB** MDS / L&T / SCHNEIDER or Equivalent
- **MCB DB** L&T / MDS / SCHNEIDER or Equivalent
- **Selector Switch** Salzer / Kaycee or Equivalent
- **PVC Conduit** PRECISION/ AVON PLAST /Finolex/ AKG or Equivalent
- **Accessories for PVC Conduit** PRECISION/ CLIPSAL/AVON PLAST/ Finolex /Vasavi or Equivalent

- **MCCB** Siemens (Sentron – VL) /L& T / SCHNEIDER [NS Compact (France)] or Equivalent
- **ELECTRONIC REGULATORS** MK, ANCHOR or Equivalent
- **MCCBs** L&T, GE, ABB, SIMENS or Equivalent
- **Electrical Conduits** :- 2mm thick.

PART B :- MISCELLANEOUS WORKS

- **Compound Wall:-** Surround 5' feet height & 9" inch thick Brick wall with RCC columns (9"x9" columns, 2'x2' footings) for every 10 feet interval with Plinth beam at the bottom & RCC Pillars of 1'x 1' 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.
- **Plinth Protection with Reinforcement:** - Surround the building from Building Wall towards Compound Wall **1 metre wide 4" thick PCC of M10 Grade & 3" thick of RCC M15 Grade Concrete with # 8mm @ 200 mm c/c both way** and finishing on top.

PART C:- SUMP TANK

- **Sump Tank :-** RCC Sump tank at Basement floor with PCC Bed & RCC Bottom & Top 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 (Architectural Drawings).
- Section and Elevation Drawings.
- Structural Drawings.
- Electrical 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.**
- **Any Equivalent mentioned for any Item / Any Brand should be Pre - Approved by Consultant & Engineer Incharge before Execution.**

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