

REQUEST FOR QUOTATION (RFQ)

CONSTRUCTION OF BOREWELL AT CENTRAL BANK OF INDIA OFFICERS QUARTER, GEETANJALI, BHOPAL

Issued to:

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REGIONAL OFFICE BHOPAL

NOTICE

RO/GAD/2020-21/81

DATE: 29.04.2022

REG: BOREWELL WORK AT CENTRAL BANK OF INDIA OFFICERS QUARTER, GEETANJALI, BHOPAL

Sealed Quotations on item rate basis are invited for BOREWELL WORK AT CENTRAL BANK OF INDIA OFFICERS QUARTER, GEETANJALI, BHOPAL. RFQ Document may be collected from General Administration Department, Central Bank of India, Regional Office BHOPAL, or can be downloaded from our Bank's website www.centralbankofindia.co.in.

Name of work	BOREWELL work at CENTRAL BANK OF INDIA OFFICERS QUARTER, GEETANJALI, BHOPAL
EMD	NIL
Cost of document	NIL
Last date for collection of document	05.05.2022
Time and date of submission	Before 3:00PM on 06.05.2022
Time and date of opening of Quotation	At 3:30PM on 06.05.2022
Mode of submission of Bid	Bid to be addressed to "Chief Manager, Regional Office, BHOPAL and should be submitted at Regional Office BHOPAL, 9, Arera Hills, Bhopal. The Bid shall be submitted in accordance to the procedure detailed herein. Specified documents shall be sealed in an envelope. Envelope shall contain duly signed RFQ papers, technical credentials, Valid trade license, GSTIN no., PAN, local address proof., copy of work orders, completion certificates etc. of similar type of works & price bid. This envelope shall be endorsed on the out side face. "BOREWELL WORK AT GEETANJALI, BHOPAL" .
Time for completion of work	10 days
Validity of Bid	30 days
Labour charges, transportation and lifting of materials	The amount quoted should include labour charges, cost of transportation, caring, wastages, lifting for all leads, etc.
Taxes	The Prices quoted must be inclusive of all taxes, duties etc. Except GST. GST will be reimbursed as per applicable rules.
Eligibility criteria	1. Bidder should have valid PAN, GST etc., registration as per Govt. rules and regulations 2. Bidder must have experience of atleast one similiar work. (Proof of the same must be enclosed with the documents.)
Details of IEM	1. Dr. Kishore Kumar Sansi Mail Id: kishorekumarsansi1@gmail.com 2. Shri Trivikram Nath Tiwari Mail Id: trivikramnt@yahoo.co.in 3. Shri Jagdip Narayan Singh Mail Id: jagadipsingh@yahoo.com

The Bank reserves the right to accept or reject any or all the quotations without assigning any reason whatsoever.

All the bidders are requested to note that Bank will not accept any conditional quotation and the quotation will be rejected if any bidder found quoted conditional bid.

Regional Head

**Central Bank of India, Regional Office,
BHOPAL.**

FORM OF BID

**To,
The Chief Manager,
Central Bank of India,
Regional Office,
BHOPAL**

NAME OF WORK: BOREWELL WORK AT CENTRAL BANK OF INDIA OFFICERS QUARTER, GEETANJALI, BHOPAL.

Sir,

1. Having visited the site and examined the drawings, conditions of contract, special conditions of contract, General specifications and detailed specifications, schedules and bill of quantities for the construction of the above named works, we offer to construct, complete and maintain the whole of the said works in conformity with the said drawings, conditions of contract, specifications, schedules and bill of quantities for the sum State in bill of quantities of this Bid Document or such other sum as may be ascertained in accordance with the said conditions of contract.
2. We undertake to complete and deliver the whole of the works comprised in the contract within the time State in the appendix hereto.
3. We have independently considered the amount of liquidated damages shown in the Appendix hereto and agree that it represents a fair estimate of the loss likely to be suffered, by you in the event of the works not being completed in time.
4. We agree to abide by this Bid for the period of 30 days from opening of envelope or extension there of as required by the Bank from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiry of that period.
5. We confirm that the period and rates as referred in the agreement or general conditions of contract are given or summarized in the appendix hereto, to which we give our consent and agree to abide by the same.
6. If this Bid is accepted, we undertake to enter into and execute at our cost, when called upon by the employer to do so, a contract agreement in the prescribed form. Unless and until a formal agreement is prepared and executed this Bid together with your written acceptance there of, shall constitute a binding contract between us.
7. We understand that if our Bid is accepted, we are to be jointly and severally responsible for the due performance of the contract.
8. We understand that you are not bound to accept the Lowest or any Bid you may receive and may reject all or any Bid, accept or entrust the entire work to the contractor or divide the work to more than one contractor without assigning any reason or giving any explanation whatsoever.

**Seal & Signature of
Contractor(s)/ Firm**

APPENDIX TO FORM OF BID

Defects Liability period	12 Months from the date of virtual completion.
Date of commencement	03 days from the date of acceptance letter is issued to contractor or day on which the contractor is instructed to take possession of the site whichever is later.
Time of completion	10 Days from the date of commencement.
Minimum value of work for interim certificate/bill	Nil/No advance payment will be made to the contractor
Retention money	5% of total project cost
Refund of total security comprising of EMD, Initial security deposit	14 days after the end of the defect liability period of 12 months & upon receipt of “no defect certificate” from the RO.

GENERAL RULES & INSTRUCTIONS FOR THE GUIDANCE OF BIDERS

- 1.0** Bids are hereby invited on behalf of **Central Bank of India- Regional Office- BHOPAL** for the BOREWELL work at Central Bank of India Officers quarters, Geetanjali, Bhopal.

Contract documents consisting of the plans, complete specifications, the schedule of quantities of the various classes of work to be done and the set of conditions of contract to be complied with by the person/firm whose Bids may be accepted and which will also be found in the form of Bids, can be seen/purchased at the **Central Bank Of India, Regional Office BHOPAL** between normal working hours of one day prior to the last day of submission of the Bids & except on Sundays & Bank holidays. The site for the work is available

- 2.0** Bids, which should always be placed in sealed cover, with the name of the project written on the envelope will be received by **The Chief Manager, upto 06/05/2022 at 3.00P.M. & will be opened by him in his office on dated 06/05/2022 at 3.30 hrs.**
- 3.0** In case of two part Bids, dates of submission opening of the Bids & the part thereof along with the superscription on the packages should be as per specific instruction on the Bid notice/ form.
- 4.0** Bids are to be on the prescribed form which can be obtained from the office of, **Regional Head, Central Bank Of India, Regional Office, Bhopal.**
- 5.0** The time allowed for the carrying out of the work will be 10 days from the date of commencement of the work.
- 6.0** The Contractors should quote in figures as well as in words the rate, & amount Bided by them. The amount for each item should be worked out & the requisite totals given.
- 7.0** While a contractor signs a Bid in an Indian language the percentage above or below or Bided amount & the total amount Bided should also be written in the same language. In the case of illiterate contractors the rates or the amounts Bided should be attested by a witness.
- 8.0** Issue of Bid form will be stopped one day before the date fixed for the opening of Bids.
- 9.0** The acceptance of a Bid will rest with the Central Bank Of India, The Bank reserves the right to accept or reject any or all the Bids received without the assignment of any reasons. All Bids in whom any of the prescribed conditions are not fulfilled or are incomplete in any respect are liable to be rejected.
- The bank reserves the right to accept the Bid in full or in parts and that Bider shall have no claim for revision of rates or other conditions if the Bid is accepted in parts.
- 10.0** Canvassing in connection with Bid is strictly prohibited and the Bids submitted by the contractor who resorts to canvassing will be liable to rejection.
- 11.0** All item rates shall be quoted on the proper form of the Bid alone.
- 12.0** On acceptance of Bid, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from the Employer/Architect shall be communicated to the Employer.
- 13.0** Special Care should be taken to write the rates in figures as well as in words & the amounts in figures only, in such a way that interpretation is not possible. The total amount should be written both in figures & in words. In case of figures, the words "Rs" should be written before the figure of rupees & words "P" after the decimal figures, e.g. Rs.2.15p. & in case of words, the word "Rupees" should precede & the word "Paissa" should be written at the end, unless the rate is in whole rupees & followed by the words "Only", it should invariably be up to two decimal places. While quoting the rates in schedule of quantities, the word "Only" should be written closely following the amount & it should not be written in the next line.
- 14.0** The bank does not bind itself to accept the lowest or any Bid and reserves to itself the right of accepting the whole or any part of the Bid and the Bider shall be bound to perform the same at the rate quoted.
- 15.0** All taxes, Sales Tax or any other tax on material or finished works like's work's contract tax, turnover tax etc. except for specific taxes, if any, stipulated in the Bid documents, the Bank will not entertain any claim whatsoever in this respect.
- 16.0** The contractor shall give a list of his relatives working with the bank along with their designations and addresses.
- 17.0** No employee of the Bank is allowed to work under or as a contractor for a period of two years after his retirement from Bank services, without the previous permission of the Bank. The contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission of the Bank as aforesaid before submission of the Bid or engagement in the contractor's service.
- 18.0** The Bid for works shall remain open for acceptance for a period of 30 days from the date of opening of the Bids. If any Bider withdraws his Bid before the said period, then bank shall be at liberty to forfeit Earnest Money paid along with the Bid.
- 19.0** The Bid for the work shall not be witnessed by a contractor or contractors who himself/themselves has/have Bided or who may and has/have Bided for the said work. Failure to observe this condition would render Bids of the contractors Biding as well as witnessing the Bid liable to summary rejection.
- 20.0** It will be obligatory on the part of the Bider to Bid and sign the Bid documents for all the component parts and that, after the work is awarded, he will have to enter in to an agreement, for each component with the competent authority in the bank.

The Bider, apart from being a competent contractor must associate himself with the agencies of the appropriate class who are eligible for (i) Electrical (ii) Sanitary & water supply installations and (iii) Horticulture.

**Signature of the Competent Authority,
CENTRAL BANK OF INDIA, REGIONAL OFFICE- BHOPAL**

S P E C I F I C A T I O N S

1. GENERAL:

- 1.1 This section of the specifications covers all general civil work is any, for which no separate detailed specifications have been included.
- 1.2 All these works shall be done in accordance with the drawings and instructions for the Engineer-in-charge. Unless otherwise so specifically mentioned, the IS codes and latest CPWD Specifications (New Delhi) for the particular item of work shall be followed. In case of any dispute regarding the intent of the specifications, the Architect/Engineer's decision shall be final.

All work shall be done as per approved drawings, specifications, site instructions and with specified materials/makes as approved. In case the Contractor desires to substitute an approved/specified material/make with an alternative one he must get specific approval of the same before its use in the work. Failure to do so will make the work liable to rejection irrespective of the fact that it might not have been detected and rejected earlier.

- 1.3 All finished work must be truly vertical and horizontal or in any other plane as shown and required and true to lines and levels. The Tenderers must inspect the various existing surfaces and areas on which he has work on and take whatever measures necessary to achieve the above objective and include the cost of the same in his rates as no extra will be payable for this purpose.
- 1.4 Samples of all items of work shall be prepared & got approved before proceeding with the work. For partitions complete layout shall be marked on the floor at the site for inspection & checking; only after approval installation shall commence.
- 1.5 Teak wood used anywhere in the work shall be Ist quality Teak wood. If anything to the contrary is mentioned elsewhere in these documents or drawings the above shall prevail & Tenderer shall be deemed to have quoted their rates accordingly.

1. PARTICULAR SPECIFICATION FOR BORE WELL GENERAL NOTES AND DIRECTIONS

- a. Tube wells drilled shall be perfectly vertical. The rates for drilling are inclusive of the verticality test required to be conducted. All the relevant Indian standards specifications of the B.I.S. shall also be applicable.
- b. The rates for drilling provided in the Unified Schedule of Rates are inclusive of depreciation charges of all the machinery, tools & plants required for drilling operation, transportation of drilling machine, erection of machine at site, removal of machine from site after completion, cost of water, cost of drilling mud, fuel, labour and all other unforeseen items for drilling work and clearance of site after completion of work.
- c. For locating the proper site for tube well construction within the selected habitation, if resistivity survey is required then the resistivity survey shall be carried out by a well qualified and experienced geohydrologist using his own suitable resistivity meter. Charges will be borne by the Contractor.
- d. In the ordinary tube wells the casing pipe of specified diameter shall be lowered up to a minimum depth of 9 meters below ground level. If the collapsible strata in overburden continues beyond 9 meters depth then the casing pipe shall be lowered up to rock level and embedded in rock in a depth of 0.15 meter. The casing pipe shall also be extended above ground level in a height of about 0.3 meter.
- e. The rates for drilling work are inclusive of the collection of samples of soil/rock cuttings not less than 100 grams from different strata to be collected at every 3 meter depth for initial 15 meters depth and at each 10 meters depth after 15 meter and at the change of strata also and depositing the same with the Engineer in charge, duly marked and packed in polythene bags.
- f. The rates are inclusive of the preparation and submission of strata chart of the tubewell constructed in the prescribed proforma.
- g. It shall be the responsibility of the contractor to collect the water sample from completed tube well and send it to departmental laboratory for chemical and bacteriological analysis. The water sample for chemical analysis shall be collected in 2 liters plastic bottle and samples for bacteriological analysis shall be collected in 300 ml sterilized bottle as per the direction of Engineer in charge. **Testing charges will be borne by the Contractor.**
- h. All risks of accidents and Jamming and breaking of drilling tools etc. shall be contractor's liability. No extra charges shall be payable to the contractor on this account. During any operation carried out for construction of tube well, if any tool, pipe etc. falls down in the tube well then the contractor shall carry out the necessary fishing operation at his own cost. The contractor shall use his own equipment for such operation. If the tubewell becomes useless due to any reason, it shall be treated as abandoned tube well and no payment shall be made for such abandoned tube well. The contractor shall be fully responsible to fill up the abandoned borehole with hard soil including compaction and watering so as to make top surface as good as original soil immediately and before shifting the drilling machine to prevent any accident. **No payment would be made to the contractor on account of this.**
- i. If a tube well is found dry or with less yield and if it is not to be used for water supply due to any reason, the tube well shall be fitted with MS cap securely and a concrete block of 0.45m X 0.45m X 0.45m with M15 cement concrete would be constructed on it to prevent any accident or damage to the tube well and also to use the bore at any later stage for recharging or for any other purpose.
- j. The Lowering and fixing of casing pipe in ordinary tube well and lowering of casing assembly in the gravel packed tube wells shall be done in the presence of authorised representative of the Engineer in Charge of work. If G.I. casing pipe used then the pipe to be lowered and fixed in 8 inter trappean formation shall be jointed by welding only. In the case of gravel packed tube well it shall be ensured by the contractor that the slotted pipes or screened pipes shall be lowered in the tube well at the locations of water bearing aquifers as per design. The contractor shall also ensure that joints of the pipes in casing assembly are rigid and water tight and a bail plug is properly fixed in the bottom of casing assembly.
- k. The tube well shall be disinfected after completion of yield test using bleaching powder solution as per the direction of Engineer in charge.

LIST OF APPROVED MAKE OF ACCEPTABLE MATERIALS

(ENTIRE MATERIAL LISTED BELOW SHOULD BE FIRST APPROVED BY THE BANK/CONSULTANT BEFORE EXECUTING)

S. No.	Item	Specified Material
1	GI/Steel/ MS Pipes	“JINDAL, RINL, SAIL, TATA or equivalent.”
2	Tap & Flush cock	CP Finish bib cock and pillar cock, flush cock. “PLUMBER, JENITH, JAL, JAGUAR, MAC, BELL or equivalent.”
3	Cement	Best quality, 53 Grade (OPC)- “ACC, AMBUJA, BINANI, BIRLA or equivalent. confirming to IS:1489-1976
4	Steel	Hot rolled deformed bars confirming to IS:1139-1966 (Fe-415 HYSD) “TATA, Jindal, Rathi SAIL, RINL”
5	Aggregates	Aggregates shall comply with the requirements of IS:383-1970
6	Brick Works	All brick work shall confirm to IS:2212-1962
7	PVC/ CPVC/ UPVC pipe	“Supreme, Astral, Ashirvad, Finolex” or equivalent

ELECTRICAL

S. No	Items	Make	Code
1	MCCBs, MCBs, ELCBS, RCCBs, DB, ICTPN, TP, HRC fuse, Change over switch, Switch Fuse Unit	L&T, Legrand, Siemens or as equivalent.	IS: 8828 for MCB IS:13947 for MCCB IS:12640 for RCCB IS:13703 for HRC fuse IS:13947 for SFU
2	FRLS insulated Elect. Wires Sheathed/ unsheathed, Flexible LT cable, Multi core/single core Cable, Flat cable for submersible pumps	Finolex, Polycab, RR or as equivalent.	IS: 694 for PVC cable 1.1 KV GRADE-FRLS
3	Electrical accessories Modular - switch, Plugs sockets, ceiling rose, Angle holder, holders	Crabtree, MK, Legrand or as equivalent.	IS: 3854 for switches IS: 1293 for plugs& sockets IS: 371 for ceiling rose IS: 1258 for lamp holder Bakelite
4	PVC Conduit pipe & Casing - capping for electrical wiring	AKG, Setia, BEC (ISI) 2 mm thick or as equivalent.	IS:9537/93
5	Current Transformer	Siemens, L&T, Schneider or as equivalent.	IS: 2705
6	Relays	Siemens, L&T, ABB, BHEL, GE or as equivalent.	IS: 3231/65
7	Industrial Socket with box	MDS Legrand – 32 amp / Hager L&T or as equivalent.	
8	Changeover Switches	Havells – On Load (Euro Load) or as equivalent.	
9	Panel Board	16 swg CRCA sheet steel	Fabricated and vermin proof and dust proof with necessary stiffeners with indicators of Telemechanique / L&T and Input/Output Volt & Ampere Meter
10	Motor-Pumps	Kirloskar, KSB, Texmo, CRI or equivalent	

- No Deviation permissible. Wherever Contractor proposes to use “equivalent” makes (i.e. Other than specified) the same shall be done only after prior approval from the Bank’s Engineer/ Architect.

(PRICE BID)**BILL OF QUANTITY****BOREWELL CONSTRUCTION WORK AT BHOPAL**

S. No	Item/Description	Quantity	Unit	Rate	Amount
a	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, upto 90 metre depth below ground level.				
	i) All types of soil (300mm dia)	15.00	m		
	ii) All type of soil, rocky strata including boulders (200mm dia)	75.00	m		
b	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, beyond 90 metre depth below ground level.				
	i) All type of soil, rocky strata including boulders (200mm dia)	60.00	m		
	Note: Rate includes cleaning of site after completion of work and disposal of waste materials if any as per local Authority rules.				

c	Borewell casing (MS): Supplying, assembling, lowering and fixing in vertical position in bore well, ERW (Electric Resistance Welded) FE 410 mild steel screwed and socketed/ plain ended casing pipes of required dia, conforming to IS: 4270 , of reputed and approved make, including painted with outside surface with two coats of anticorrosive paint of approved brand and manufacture, including required hire and labour charges, fittings and accessories, all complete, for all depths, as per direction of Engineer- in-Charge.				
	i) 200 mm nominal size dia having minimum wall thickness 5.40 mm	15.00	m		
	ii) 150 mm nominal size dia having minimum wall thickness 4.85 mm	15.00	m		
d	Borewell casing (UPVC): Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer -in-charge.				
	i) 150 mm nominal dia (minimum wall thickness 7.5mm)	90.00	m		
e	Borewell screen (UPVC): Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.				
	i) 150 mm nominal dia (minimum wall thickness 7.5mm)	30.00	m		
f	Gravel packing in tubewell construction in accordance with IS: 4097, including providing gravel fine/ medium/ coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineer-in-charge.	1.00	cum		

g	Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by “V” notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory , i/c disinfection of tubewell, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge.	24.00	hrs		
h	MS Cap: Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for borewell of:				
	i) 200 mm dia	1.00	no.		
i	MS clamp: Providing and fixing M.S. clamp of required dia made of 100 x10 mm flat to the top of casing/ housing pipe of tubewell as per IS: 2800 (part I), including necessary bolts and nuts of required size complete				
	i) 200 mm clamp	1.00	no.		
j	Bail plug: Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tubewell as per IS:2800 (part I).				
	i) 150 mm nominal size dia	1.00	no.		
k	Chamber: Providing 2'-0”x2-0” masonry chambers with sand plaster, RCC or cast iron lid at ground level for borewell protection.	1.00	no.		
				Total	

ABSTRACT

SUB: CONSTRUCTION OF BOREWELL AT CENTRAL BANK OF INDIA
OFFICERS QUARTER, GEETANJALI, BHOPAL

Sr. no.	Particulars	Amount
1	Total for construction of Borewell	
2	Discount if any	
3	Total (1-2)	
4	GST	
	TOTAL (3+4)	

Amount in words:

**Seal & Signature
of Firm,**