

Our Ref: CL/BM/BID-04/2007

Date: 26-02-2007

Subject: Invitation of quotation for rates of for various Civil works

Dear Sirs,

Sealed Bids are invited for **rates of for various Civil work as per Annex-I**, from experienced, competent and established contractors which should reach the undersigned latest by 1700 h, on **20th Mar 2007**, at the following address.

Director & Head (Building Maintenance)
BUREAU OF INDIAN STANDARDS
Central Laboratory
Plot No.20/9, Site-IV,
Sahibabad Industrial Area, Sahibabad,
Distt. Ghaziabad-201010 (U.P.)

- 2.The detailed Schedule of work are given in Annex-I
3. Terms and conditions are given in **Annex-II**
4. . Earnest money amounting to **Rs 7500.00 (Rs Seven thousand Five Hundred only) by Bank Draft in favour of the Bureau of Indian Standards** must accompany each tender, otherwise it will be summarily rejected.
5. The Bids shall be opened in the **Conference Hall**, of the Central Lab, at the address mentioned above at **1500 h on 21st Mar 2007** and in the presence of such tenderers or their duly authorized representatives, who may like to attend.
5. Please ensure that the envelopes containing Bids are sealed properly i.e. either wax sealed or with adhesive cello tape on both ends. **Unsigned Bids, Unsealed /stapled envelopes** and bids **without EMD** shall be summarily rejected. **No exemption** whatsoever for payment of EMD shall be accorded.
6. The schedule of work and terms & conditions can also be downloaded from BIS Website – www.bis.org.in

Thanking you,

Yours faithfully,

Encls: as above

-Sd-
Head (Building Maintenance)

ANNEX-I
Schedule of Civil Work Specification

Note:- The item rate should cover the cost of the material (All materials to be ISI marked as far as possible), labour, removal of debris of demolished old structure from the work site to outside disposal yard within 50 meters lead.

Sl.	Work	Specification	unit	Rate Rupees
1	Oil Bound Distemper Interior (Acrylic OBD)	Distempering with oil bound washable distemper of superior and approved brand and shade on new/old work (two or more coats) as per drawing to give an even shade including scrapping and repairing of old surface completely and repairing/preparing the scrapped surface with approved quality materials (Asian tractor/ Berger or equivalent quality) and including priming coat with cement primer (2 or more coats)	Sq. Mt.	
2	Cement Exterior Coat	A) Distempering with Acrocem / Snowcem or other equivalent approved quality distemper of superior and approved brand and shade on new/old work (two or more coats) as per drawing to give an even shade including scrapping and repairing of old surface completely and repairing/preparing the scrapped surface with approved quality materials.	Sq. Mt	
3	Cement Exterior Coat	B) Distempering with Asian Apex / Nerolac Excel or other equivalent approved quality exterior emulsion paint (weatherproof coat) of superior and approved brand and shade on new/old work (two or more coats) as per drawing to give an even shade including scrapping and repairing of old surface completely and repairing/preparing the scrapped surface with approved quality materials.	Sq. Mt	
4	Cement Exterior Coat	C) Finishing with Acrylic smooth exterior paint " Trump " of M/s Snowcem India Ltd or equivalent approved brand and shade on new/old work (two or more coats) as per drawing to give an even shade including scrapping and repairing of old surface completely and repairing/preparing the scrapped surface with approved quality materials.	Sq. Mt	
5	Plaster (New)	1:4 cement fine/ coarse sand ratio, (as per requirement), plaster 20 mm thick, OPC 43/53 grade/ PSC/PPC cement. Repair work, if any, to be in patches of 2.5 Sq meter.	Sq. Mt	
6	Plaster	1: 6 cement fine/ coarse sand ratio, (as per		

	(New)	requirement), plaster 20 mm thick, OPC 43/53 grade/ PSC/PPC cement. Repair work, if any, to be in patches of 2.5 Sq meter.	Sq. Mt	
7	Old Plaster Removal	Labour rate for removal of old existing plaster	Sq. Mt	
8	Brickwork (NEW)	Half Brick work for partition FPS Modular brick class designation 75, Cement sand mortar 1:6,	Sq. Mt	
9	Brickwork (NEW)	Full Brick work FPS Modular brick class designation 75, Cement sand mortar 1:6,	Cu. Mt	
10	Brickwork (OLD)	Labour rate for removal of old existing brickwork	Sq. Mt	
11	PVC Modular Partition	Prefabricated PVC modular partition board of approved shade, fitted on 2 mm (min.) thick approved IS standard rolled steel rectangular/ angular channel PVC board thickness (mm min.) of approved shade	Sq. Mt	
12	PVC sheet Flooring	General Purpose PVC sheet / tile, 1.5 mm thick , rubber based approved adhesive of high quality including rolling.	Sq. Mt	
13	PVC sheet Flooring	General Purpose PVC sheet / tile, 2.0 mm thick , rubber based approved adhesive of high quality including rolling.	Sq. Mt	
14	PVC sheet Flooring	Antistatic Floors PVC sheet / tile, 1.5 mm thick , rubber based approved adhesive of high quality including rolling, Wonder floor HITECH or equivalent quality Electrical Resistance 10×10^{12} Ohm max, chemical , shrinkage & Fire resistant,	Sq. Mt	
15	PVC sheet Flooring	Antistatic Floors PVC sheet / tile, 2.0 mm thick , rubber based approved adhesive of high quality including rolling, Wonderfloor ROBUST or equivalent quality Electrical Resistance 10×10^{12} Ohm max, chemical , shrinkage & Fire resistant,	Sq. Mt	
16	PCC (Plain Cement Concrete)	1:2:4 mix, fine aggregate & coarse aggregate (20 mm, graded) of standard approved fineness modulus and quality, cast-in-situ for all works as per drawing including the shuttering, scaffolding (if required), finishing as per design.	Cu. Mt	
17	RCC (Reinforced Cement Concrete)	1:2:4 mix, fine aggregate & coarse aggregate (20 mm, graded) of standard approved fineness modulus and quality, cast-in-situ for all works like plinth, roofs etc as per drawing and concrete design including the shuttering,	Cu. Mt	

		scaffolding (if required), finishing but excluding reinforcement .		
18	Reinforcement Bars (HSD/ CTD)	Rate per kg for various sizes, particularly 8 mm, 10mm 12 mm & 16 mm	Per kg	
19	Renewing Glass Panes	Glass Panes weighing 13.75 kg/sqm with putty and nails. Glass of standard approved quality like Modiguard/ Saint-gobain or equivalent quality 4 mm 5 mm	Sq. Mt	
20	Wall Tiles (New)	Ceramic glazed tile size 8 inches x 9 inches or 12 inches x 8 inches or as per approved drawing, 4 mm thick (min.), First Quality, white/off-white/grey or other approved shade/ standard brand like Kajaria/Somani/ NITCO/ Orient or equivalent, laying plaster 12 mm, 1:3 jointing, grey cement 43 grade, pointing white cement.	Sq. Mt	
21	Old Wall Tiles Removal	Labour rate for removal of old existing wall tiles	Sq. Mt	
22	Floor tile New	ceramic anti-skid floor tile size 12 inches x 12 inches or 16 inches x 16 inches , First Quality, as per approved drawing, white/off-white/grey or other approved shade/ standard brand like Kajaria/Somani/ NITCO/ Orient or equivalent, laying plaster 12 mm, 1:3 jointing grey cement 43 grade, pointing white cement.	Sq. Mt	
23	False Ceiling (New)	POP based -, 1.3 mm min. thick standard approved steel channel/cross & Jali 9.5 Kg/ sq.m, of approved thickness with POP punning with all accessories including fasteners etc.	Sq. Mt	
24	False Ceiling (New)	Hex Board based - 1/2 inch thick, 2 ft. x 2 ft size, approved Steel/Aluminum angle /channel of 1 mm thickness, 1 inches x 1 inches angle, Aluminium T of 1 inches x 1.5 inches & 1 inches x inches sizes.	Sq. Mt	
25	False Ceiling (New)	Gypsum based - 1/2 inch thick, 2 ft. x 2 ft size, GI Powder Coating angle 1 inches x 1 inches x 1.3 mm (min.) thickness sheet.		
26	Old False Ceiling repairing and strengthening	<u>Repair of aluminium / steel channel false ceiling, Hex board sheets, Aluminium T, Angle and fasteners, GI wire replacement etc.</u>	Sq. Mt	
27	Old False Ceiling Removal	Labour rate for removal of old existing false ceiling	Sq. Mt	

28	Asbestos Corrugated Sheet roofing (New)	6 mm thick standard approved brand, including all accessories like nuts, bolts, with above 60 degree pitch.	Sq. Mt	
29	Old Asbestos Corrugated Sheet roofing removal	Labour rate for removal of old existing roofing	Sq. Mt	
30	Kota Stone Flooring (New)	20 mm thick, grey cement jointing base of 1:4, 25 mm base mix including rubbing, cutting (two or three mechanical cuts as required) and polishing	Sq. Mt	
31	Old Kota Stone Flooring removal	Labour rate for removal of old existing flooring	Sq. Mt	
32	Cutting & Polishing of existing Floor	Labour rate for 2/3 mechanical cutting as per requirement and polishing.	Sq. Mt	
33	Synthetic Enamel Painting	Asian/ Berger or equivalent quality, including sand paper rubbing, filling, primer (2 or more coats) and finishing (2 or more coats) of pre-approved shades.	Sq. Mt	
34	Spirit Polish	Asian/ Berger or equivalent quality, including sand paper rubbing, filling and finishing (2 or more spirit coats).	Sq. Mt	
35	Wooden Flush Door (New)	Removal of old existing door and replacement with 35mm thick Flush Doors, termite resistant (ISI marked) of appropriate size with related accessories like hinges bolts, locks, handles etc	Sq. Mt	
36	Iron framed glass window	4 mm modiguard/ saint gobain or equivalent glass, Iron frame fabricated from Indian standard rolled steel plate/ angle, 3 mm (Min.) thick with related accessories like hinges, bolts, locks, handles etc	Sq. Mt	
37	WC replacement	Indian type, standard size, Orissa pattern (ISI marked) or equivalent approved quality , white, excluding related fitting accessories	Per piece	
38	WC replacement	European type, Standard size (ISI marked), or equivalent approved quality, white with seat cover (ISI marked) excluding related fitting accessories	Per piece	
39	Urinal replacement	White, Standard size excluding related fitting accessories	Per piece	
40	PVC SWR pipes	Removal of existing CI SWR pipes and replacement with PVC SWR (ISI marked) pipes 100 mm size, including related accessories	Per meter	
41	GI pipe replacement	Removal of existing old and rusted ½ inches GI pipes and replacement with new (ISI marked) pipes, including related accessories, but excluding taps & other brass accessories 1/2 inches size 3/4 inches size	Per meter	

		1 inches size 1 .5 inches size 2 inches size		
42	Removal of Debris	Removal of debris of demolished old structure from the work site to outside disposal yard within all leads Including all labour etc charges.	Per trip of tractor of standard size.	

ANNEX-II

TERMS & CONDITIONS

1. Quotation(s) shall remain open for acceptance for a period of Ninety days from the date of opening.
2. Rates quoted shall include, in addition to material and labour, the provision of all scaffoldings, tools, plants accessories etc. required for the proper execution of work. Rates shall also cover the cost of handling carriage, taxes, duties, royalties etc. and the removal of debris from the work site to outside disposal yard within 50 meters lead.
3. The civil contractors should be competent, skilled and should have thorough experience of repair, maintenance and construction of buildings. They should have allotted PAN numbers.
4. The civil work at BIS CL is primarily a repair and maintenance work of the existing structures within CL premises. The required routine maintenance as well as the modification in the civil work as requested from various labs at CL shall be taken up as and when the need arises. The successful bidders shall have to wait till the rate approval period (normally one year) for any specific work required to be awarded. EMD shall be kept till the contract period as a security deposit. Non-acceptance to undertake a work within the validity period due to any reason including the escalation in price of building materials will attract penalty and the approved contractor may be blacklisted also if so decided by us.
5. As many of the work in CL are time-specific, the successful bidders shall have to ensure completion within scheduled time. In case, they presume that due to their preoccupation with other projects in CL, the time norms may not be adhered for any additional new work, the work shall be awarded to other registered civil contractor at CL with the approved rate. The successful bidder shall have to given an undertaking of NO Objection in this regard.
6. The earnest money in the event of a tender being accepted will be treated as part of the Security Deposit. The defects liability period of six months will be for each awarded work. Any defects shall have to be repaired again without cost otherwise a amount, to be decided on case to case basis, from Security Deposit shall be deducted.
7. The Bureau reserves the right without assigning any reasons therefore to:
 - a) Accept or reject any or all quotations in whole or in part;
 - b) Increase or decrease the quantities of any item of the work and the successful tenderer shall perform the same at the rates approved.
8. Time of completion will be as mentioned in the work order for individual project.
9. The building materials for execution of the job will be contractor's responsibility.
10. All material and workmanship shall be of the kind described in the schedule of quantities or specifications and in accordance with the instructions of Officer-in-charge. Wherever materials bearing BIS standard Mark are available only those shall be used.
11. All material shall be received; job executed shall be subjected to approval or inspection. The decision of our Inspecting-officer shall be binding and final. Rejected items shall be removed by the tenderer at his own cost and risk, within 10 days of receipt of notice to this effect after which the Bureau shall not be responsible for the rejected/disapproved items. Works embracing more than one process shall be subjected to examination and approval at such stage.
12. Rates for extra, altered, additional or substituted etc. items of work shall be got approved before carrying out the same.
13. The date of completion of job is the essence of this contract. You are, therefore, requested to complete the job as per the work contract issued but not later than 90 days from the award of the work. You should, however, find during the progress that the completion date stipulated cannot be adhered to, please apply to this Bureau, well in advance for extension of time along with the reasons thereof. This does not, however, involve any commitment on the part of the Bureau and is without prejudice to our right to:
 - a) Cancel/rescind/revoke the order if work is not carried out satisfactorily and in time.
 - b) Impose a penalty upto 10% for unsatisfactory service during currency of the contract.

14. The contractor shall be responsible for making good in an expenditure and workman like manner any defects which may be found in the work within a period of six months after handing over the same complete in all respects. In case the contractor fails to carry out the work, the same would be got done at his risk, responsibility and the cost thereof will be deducted from the security deposit or any other dues.
15. All work executed shall be paid for in accordance with the actual measurements. The schedule of quantities given in a work order are only approximate and unless otherwise stated, shall be deemed to have been prepared in accordance with relevant part of **IS 1200 Methods of Measurement of Building and Civil Engineering Work (Latest version)**.
16. The Bureau may delay the progress of the work in case of rain or other unforeseen reasons revoking the work order and extend the period suitably. In consequence of such delays the contractor shall not make any claim for compensation or damage.
17. No claim on account of fluctuation in rates for materials or labour will be entertained by the Bureau.
18. Particular care must be taken to see that no damage is caused to the floors, walls, furniture and other fixtures. They shall be left neat and clean after completion of work.
19. The contractor shall in respect of labour employed by him comply with or cause to be complied with the contract labour regulation, payment of wages etc. or any other law relating thereto and rules made thereunder from time to time.
20. The contractor shall at his own expense arrange for all safety provisions for the workers employed by him or by any of his subcontractors.
21. The contractor shall indemnify the Bureau against all claims which may be made upon the Bureau whether under the Workman's Compensation Act or any other statute in force during the currency of this contract or a common law in respect of any Employee of the contractor and shall at his own expense effect and maintain, until the virtual completion of the contract with an approved office, a policy of insurance in the joint name of the Bureau and the contractor against such risk and deposit such policy or policies with the Bureau during currency of this contract. The contractor shall be responsible for anything which may be excluded from the Insurance Policies above referred to and also for all other damage to any property arising out of and incidental to the negligent or defective carrying out of the contract.
22. In case any material is issued by the Bureau, the contractor shall account for the same. The contractor shall also be responsible for any loss or damage of such materials.
23. The Bureau reserves the right to increase or decrease the quantities of work the contractor will be bound to perform the same at the rates quoted in his quotation.
24. The contractors are requested to visit the site before filling of rates to acquaint themselves regarding the work conditions, etc. of the CL buildings. Rates quoted shall include shifting of items, covering of same with polythene sheets, resetting of items, cleaning of floors etc. after completion of work complete as per instruction of user labs wherever applicable.
25. In case of non compliance with the Terms & Conditions of the contract, the Bureau reserves its right to:
 - a) Cancel/rescind/revoke the order if work is not completed in time and is not Conforming to the required specification.
 - b) Impose Penalty up to 1% of the total value of the order for a delay of every seven days after the schedule date subject to the ceiling of a maximum of 10% of the total value of the order.
25. All questions, disputes or difference arriving under, out of or in connection with this tender enquiry shall be subject to the exclusive jurisdiction of Delhi/ Ghaziabad Courts.