



भारत सरकार  
Government of India  
विज्ञान और प्रौद्योगिकी मंत्रालय  
Ministry of Science and Technology  
विज्ञान और प्रौद्योगिकी विभाग  
Department of Science and Technology  
प्रशासन अंश  
Administration II (B) Section  
Technology Bhavan, New Mehrauli Road  
[New Delhi-110 016](#)

**Tender No.D-13022/1/7/2009 Admn II (B)**

**Date: 03 Feb., 2010**

**To,**

As per attached list

**Sub: Limited Tender Enquiry for Construction of toilet and associated works in the Meeting Room, Room No.6, Administrative Block, DST, Technology Bhavan, New Delhi -16**

Dear Sirs,

For and on behalf of the President of India, sealed limited tenders are invited from firms whose names are given in the attached list for construction of toilet and associated works in the Meeting Room adjacent to Room No.6, Administrative Block, DST, Technology Bhavan, New Delhi-16 as per the following schedules:-

- i) Civil Works: Schedule I
- ii) Electrical Works: Schedule II

2. In case your firm is interested in the above said work, you are requested to quote your lowest prices in the enclosed Proforma in a sealed cover. The sealed cover containing the quotation should be super scribed "**Tender for construction of toilet and associated works in the Meeting Room adjacent to Room No.6, Administrative Block, DST, Technology Bhavan, New Delhi-16 not to be opened before 15<sup>th</sup> Feb., 2010**" and should be dropped in the tender box kept near the Reception of the Technology Bhavan **latest by 1500 hours** on or before the **15<sup>th</sup> February, 2010**. Sealed bids received within the closing time limit be opened on the same day at 1530 hrs in Raman Auditorium, WH Block in the presence of such tenderers who wish to be present. The Department reserves the right to accept or reject any quotation/ estimates without assigning any reason thereof.

3. The sealed envelop must accompanied by a Demand Draft/ Pay order/ banker's cheque of Nationalized Bank for Rs.10,000/- (Rupees ten thousand only) as earnest money deposit in favour of DDO, DST. The earnest money amount will be returned to the unsuccessful firm immediately after the award of the contract to successful bidders and the earnest money of the successful tenderer will be returned only after acceptance of the Performance Bank Guarantee by DST. The sealed envelop also must be accompanied by duly filled in Annexure I attached with the tender document. The registered firms are exempted from submission of Earnest Money Deposit (EMD). Successful bidder will be required to submit a performance security deposit of an amount equivalent to 10% of gross contract value (on all inclusive basis, taxes, duties, service charges, freight, insurance etc. included) in the form of Demand Draft/ Fixed Deposit Receipt/ Performance Bank Guarantee from any Nationalized Indian Bank valid upto 30 days after expiry of warranty period. Unsolicited bids from parties not invited, if received, will be rejected straightway. No representation in this regard will be considered by the Department.

4. Tendering firms fulfilling the requirements in this tender document are requested to quote their competitive lowest prices as per the requirements given in the attached schedules.

Yours faithfully,

(Rajiv Mahendru)  
Under Secretary to the Govt of India  
Tel: 26590349

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**IMPORTANT INFORMATION, GENERAL INSTRUCTIONS**  
**And terms & conditions**

Sl No.	Description	Contents
1.	Purchaser	THE PRESIDENT OF INDIA
2.	Single bid system	This tender will be processed in single bid system
3.	Firm and fixed rates	Prices should be quoted on net destination basis at DST (inclusive all duties, taxes, VAT/ service charges, insurance, freight etc.) and firm & fixed price basis. The prices/rates quoted should be indicated in words as well as in figures and in INR only. Request for enhancement of contracted rates shall not be considered under any circumstances. Tenders with variable prices or seeking provision for enhancement of prices/contracted rates shall be rejected straightaway without any consideration.
4.	Non-transferability	This tender is non-transferable.
5.	Terms & conditions	Terms & Conditions as set out in this Tender Document shall have to be complied by the tendering firm. Offers not complying with such terms & conditions shall be ignored/ rejected at the discretion of this Department.
6.	EMD	The sealed envelop must accompanied by a Demand Draft/ Pay order/ banker's cheque of Nationalized Bank for Rs.10,000/- (Rupees ten thousand only) as earnest money deposit in favour of DDO, DST.
7.	Performance Security	Successful bidders awarded the work order for carrying out the jobs on the basis of this Tender Enquiry shall be required to furnish a Performance Security of the stipulated amount in the form of DD/ Pay order, Fixed Deposit Receipt (FDR) or Bank Guarantee from any Nationalized Indian Bank to be submitted within 15 days of the receipt of the Contract by them. The format for Performance Bank Guarantee (PBG) will be provided by DST along with the work order. In the event of failure on the part of the successful bidder awarded the Contract to furnish Performance Security, the contract awarded shall be cancelled and repurchase made on contractor's risk and cost. Non-submission of PBG in prescribed format or submission by other mode shall be viewed adverse performance which may further lead to de-registration/ suspension of business dealing with the Department.
8.	Prescribed Forms	Tenders of firms received in the format prescribed in this tender document shall only be considered. Offers not received in prescribed format shall be ignored and no correspondence in this regard will be entertained. Telegraphic/ Telex/ Fax/ E-mail/ Letterhead/ Quotations will not be accepted and ignored straightaway.
9.	Late/ delayed tenders	Tenders received late/ delayed after prescribed closing time due to any reason whatsoever will not be accepted under any circumstances.
10.	Time & date of receipt and opening of bids	In the event of any confusion, the time set in the clock in the room of Under Secretary (Admn.II-B) will be taken as standard and decisive. Tenderers may note that if the date of tender opening given in this Tender Document is declared a closed holiday by the Central Government, the tender shall be opened on the next working day at the same timing. In such an event the closing hours for receipt of tenders in DST will stand automatically extended up to 1500 hours of the next working day in the Central Government offices.
11.	Purchaser's right	Purchaser reserves the right to reject any tender/all tenders in full or part thereof without assigning any reasons.
12.	Purchaser's Address & Work site	The bid should be addressed to "Under Secretary, Admin II (B) Section, Department of Science & Technology, Technology Bhavan, New Mehrauli Road, New Delhi-16 and dropped in the Tender Box of Admn. II B Section kept near Reception Room at the entrance of Technology Bhavan, New Mehrauli Road, New Delhi <b>on or before at 1500 hours on 15<sup>th</sup> Feb., 2010</b> . In case the sealed envelope is larger than the mouth of the Tender Box, and cannot be dropped in the Tender Box, the same may be submitted by hand to Under Secretary, Admn.II B or S.O. Admn II B, DST before expiry of the closing time.
13.	Duties & Taxes	Tenderers are requested to enclose a copy of their valid VAT registration Certificate and PAN Details.

Sl No.	Description	Contents
14.	Inspecting Officer	Authorized representative of DST, New Delhi
15.	Inspection Authority	Department of Science and Technology (DST), Technology Bhavan, New Delhi or any party, a Govt. agency, so authorized by DST.
16.	Job Execution period	Within one month from the date of receipt of supply/ work order, date as indicated in the supply order.
17.	Dispatch instructions	Stores are required to be delivered at the Technology Bhavan premises on free delivery to the consignee's premises/ freight paid basis.
18.	Token Liquidated Damages	In case the firm does not complete the work within the work execution period as stipulated, action will be taken against the firm to recover from the contractor as agreed liquidated damages including administrative expenses and not by way of penalty a sum equivalent to ½ % per week of the price of any stores which the contractor has failed to execute/ deliver/install within the stipulated time limit. Where delivery thereof is accepted after expiry of the aforesaid period, the total damages so claimed shall not exceed 10% of the total contract price.
19.	Warranty	Six months comprehensive from the date of completion of job. Any complaint shall be attended within a response time of 48 hours on 24X7 basis. Any defects in workmanship or deterioration in the quality or deviation to tender specifications coming to notice shall be rectified at site within 72 hours of the reporting of the same to the contractor. If system is required to be picked up and taken to contractor's premises for removing the defects, the same shall be picked up from the consignee latest by the next working day and dropped back to the consignee within 07 working days. Any component required to be replaced within the warranty period shall be totally new component and not reconditioned or repaired component.
20.	Scope of Work	Construction of toilet and associated works in the Meeting Room adjacent to Room No.6, Administrative Block, DST, Technology Bhavan, New Delhi -16
21.	Qualifying requirements	The firms/ contractors should be registered with tax department or any other agency which is entrusted with collecting the tax which is leviable on maintenance contract ( <b>TIN No. &amp; PAN NO</b> ).
22.	Validity of tender	Tender shall be kept valid for acceptance by DST for a period not less than 60 days after the tender opening date.
23.	Rates	a) Rate should be quoted per unit basis in the enclosed Performa as per <b>Schedule I &amp; II</b> attached with the tender document. <b>b) During the entire period of the contract, no request for any increase in rates will be entertained.</b>
24.	Award of contract	a) The Department will award the contract to the tenderer whose tender has been determined to be substantially responsive and who has offered the lowest evaluated tender price. b) Notwithstanding the above, the Department reserves the right to seek previous work orders, references etc. and to accept or reject any quotations and to cancel the process and reject all tenders at any time prior to award of contract. c) The tenderer whose rate is accepted will be notified of the award of contract by the Department prior to expiration of the tender validity period. The terms and conditions stipulated in the tender document shall be fully applicable to the resultant contract and taken as an integral part of the contract concluded on the basis of this Tender Enquiry.
25.	Terms of payment	The payment shall be made in full after execution of entire job. No request for advance payment or part payment will be entertained. The bill (in triplicate) be submitted to the undersigned after execution of job.

Sl No.	Description	Contents
26.	Submission, acceptance and rejection of tender	<p>a) A complete set of the tender document may be collected personally from <b>Section Officer Admin II (B), Department of Science &amp; Technology, New Delhi</b>. Complete tender document is available on Departmental website: <a href="http://dst.gov.in">http://dst.gov.in</a> and may be downloaded and used for submission of the bid. The envelop containing the quotation should be duly sealed and super-scribed as <b>"Tender for Construction of toilet and associated works in the Meeting Room adjacent to Room No.6, Administrative Block, DST, Technology Bhavan, New Delhi -16"</b>. The sealed envelop should be dropped in the tender box kept [<b>Tender Box Admin II (B)</b>] near the reception of Technology Bhavan on or before 3.00 PM on 15<sup>th</sup> Feb., 2010 which will be opened on the same day at 3.30 PM in the presence of such tenderers who wish to be present. The Department reserves the right to accept or reject any quotation/ estimates without assigning any reason thereof.</p> <p><b>b) Tenders which are not complete in all respects are liable to be rejected.</b></p> <p>c) While submitting the tender for this work the tenderers will be <b>deemed to have read, understood and accepted</b> all the terms and conditions stated in the tender document. Any doubts or clarifications with regard to the interpretation of the Terms &amp; Conditions stipulated in this Tender Enquiry, may be got clarified from DST at least 03 days before tender closing date. Requests for postponing the tender opening date for the same shall not be accepted by DST.</p> <p>d) Tenderers will indicate the complete address of their firm/ office along with telephone numbers.</p> <p>e) Contract shall be awarded to the firm offering the lowest / net bundled price (Schedule wise) and not with reference to the lowest prices quoted for the sub-items. However, if prices for each &amp; every item are not quoted, Net- bundled price offered shall not be accepted.</p>
27.	Inspection Authority & Inspecting Officer	Department of Science & Technology and Authorized representative of DST, New Delhi-16.
28.	Paying authority	Controller of Accounts or his authorized representative, Pay & Accounts Office, DST, New Delhi-110016
29.	General terms & conditions	<p>a) The contractor shall observe all security provisions as applicable to the offices of the DST which comes under the security cover by the Home Ministry. Any violation shall be his responsibility.</p> <p>b) DST reserves the right to abandon or terminate the contract at any time without assigning any reason.</p> <p>c) The tenderer shall not enter into sub contract with any person or transfer the contract or any benefit there under to any person or firm without written approval of the Department.</p>
30	Applicable law	The resultant contract shall be interpreted in accordance with the laws of Union of India. Settlement of disputes, if any, emanating from resultant contract shall be subject to jurisdiction in Delhi.
31	Disputes	Any disputes/ differences arising shall be settled through arbitration. The purchaser and contractor shall first try to resolve the differences/ disputes amicably by mutual consultation. If they fail to resolve the disputes by such mutual consultation within 21 days, then, depending upon the position of the case, either the purchaser or the contractor shall give notice to the other party of its intention to commence arbitration as per the Indian Arbitration and Conciliation Act, 1996.
32	Tender Document	A complete set of the tender document may be collected personally from <b>Section Officer Admin II (B), Department of Science &amp; Technology, New Delhi</b> . Complete tender document is available on Departmental website: <a href="http://dst.gov.in">http://dst.gov.in</a> and may be downloaded and used for submission of the bid.
33	Acceptance of offer	Item-wise price should be quoted. For award of contract, the net bundled price of the <b>Schedule wise</b> will be considered. Competent & responsive lowest bid received for schedule I requirements will be awarded the contract irrespective of price quoted for Schedule II requirement and vice versa. However, there is no bar for awarding the total contract to a single contractor/ contracting party in the event, it is found that they are technically confident, met the tender requirements for both the schedules and their bids are substantially responsive with lowest quoted rates for both the schedules independently.
34	Tender fee	Nil

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**Annexure I**  
**Department of Science & Technology**  
**Admin II (B) Section**  
**Contractor's details**

Supporting documents be annexed with the application form (Applications found deficient in any respect are liable to be rejected without further correspondence)

Sl No.	Description	Information				
01	Name of the Firm					
02	Nationality					
03	Address (attach separate paper for addresses of other offices)	Regd. Office				
		Head office				
04	Telephone Numbers	Landline No.				
		Mobile No.				
		Fax No.				
		E-mail address				
05	Other Details	PAN Details				
		VAT Registration Number				
06	Constitution	Individual				
		Sole Proprietorship Concern				
		Partnership Firm				
		Public Ltd. Company				
		Private Ltd. Company/ Public Sector Enterprises/ PSU				
07	If partnership firm/ If company, Name of all Partners/ Directors or Board					
08	Is the Individual/ sole Proprietor/ any Partner of the Firm/ Director of Company	Dismissed Government Servant	yes		No	
		Removed from approved list of contractors	Yes		No	
		Demoted to a lower class of contractors in CPWD/ PWDs	Yes		No	
		Convicted by a court of law	Yes		No	
		Retired official of Govt of India within last one year	Yes		No	
		Director or partner of any other company/ firm with CPWD/ PWDs or any other Govt Department	Yes		No	
		Member of Parliament or any State Legislative Assembly	Yes		No	
		If answer to any of the above is "Yes", furnish details on a separate sheet				
09	a) Name of the person holding power of attorney					
	b) Nationality					
10	Name of the Bankers with full details/ orders					

11	EMD details				
12	Place of business				
13	(For Electrical) <b>(Mandatory for electrical works)</b>	Yes		No	
	a) Does the applicant possess valid Electrical License				
	b) Do the permanent electricians employed by contractor possess valid license	Yes		No	
14	Is any person working with the applicant a near relative of the official of DST? If yes, give details	Yes		No	
15	Certificates				
	a)	I/ we (including all partners) certify that I/ we have read the Terms & Conditions mentioned in the tender enquiry form and shall abide by them			
	b)	I/ we certify that the information given is true to the best of my/ our knowledge. I/ we also understand that if any of the information is found wrong/ false at any stage. I/ we are liable to be deregistered from panel of approved contractors/ banned for doing any business dealings with Government Departments or blacklisted or subject to any monetary penalties that be deemed fit and appropriate by DST/ Government.			

**Schedule I Construction of toilet and associated works (Civil) in the Meeting Room adjacent to Room No.6, Administrative Block, DST, Technology Bhavan, New Delhi -16**

Sl No.	Item Description	Unit	Qty	Unit rate in Rs.	Amount in Rs.
	<b>Dismantling Work</b>				
1	<b>Dismantling of flooring</b>	Sq ft	370		
1.1	Dismantling of existing flooring upto the outer edge of corridor and stacking of serviceable material and disposal of unserviceable material as directed.				
1.2	<b>Dismantling of CC</b>	Cu ft	50		
	Demolishing of CC 1:3:6 or richer mix including disposal of unserviceable materials as directed				
1.3	<b>Dismantling of False Ceiling</b>	Sq ft	40		
	Dismantling of existing damaged false ceiling including stacking of serviceable material and disposal of unserviceable material as directed.				
1.4	<b>Dismantling aluminum/ steel door and window/ rolling shutter/ MS angles with asbestos/ aluminum sheet</b>	Sq ft	02		
	Dismantling of existing aluminum/ steel door/ window with frame, rolling shutter, overhead roof with MS angle support and stacking of serviceable material and disposal of unserviceable material as directed				
1.5	<b>P/M Holes and etc.</b>	Sq ft	02		
a	P/M Holes for fresh air & exhaust fan, including cost of scaffolding and chawket/ framing upto 15" X 15" size				
b	Making 3" to 4" dia hole in existing slab for drainage	Nos.	02		
2	<b>CIVIL WORK</b>				
2.1	<b>6"Brick work</b>	Sq ft	200		
	Brick Masonry (First Class) in superstructure in cement mortar 1:6 (1 cement: 6 coarse sand) for all heights including cutting or champhering of offsets as per drawing & proper curing etc. complete).				
2.2	<b>PLASTER</b>	Sq ft	200		
	P/L12-15mm thick plaster in cement mortar 1:4 (1 cement : 4coarse sand) to ceiling, all types of R.C.C. work, brick work surfaces at all levels in line, level and plumb including smooth cement finish and providing necessary grooves at junctions of walls and ceiling, door/ window frames incl.racking the joints of roughing the R.C.C. surface, necessary curing scaffolding etc. complete as directed.				
2.3	<b>PCC (Plain Cement Concrete )</b>	Sq ft	200		
	P/L Cement Concrete 1:4:8 (1 cement : 4 coarse sand :8 graded stone aggregate 20mm nominal size) under floors.				
3	<b>FLOORING</b>	Sq ft	370		
3.1	<b>Glazed ceramic floor tiles (Kajaria/Orient/Somany)</b>				
	P/L in position glazed ceramic floor tiles of approved shade-(12"x12") over a base of 20-25mm thick cement mortar 1:3 as per approved pattern, setting the tiles in cement slurry, joints filled and finished neat with white cement as/specs, cleaning, applying acid wash, curing etc. complete.				
4	<b>WALL TILING</b>	Sq ft	200		
4.1	<b>P/L glazed ceramic Wall tiles (Kajaria/Orient/Somany)</b>				
	P/L in position glazed ceramic Wall tiles of approved shade and make over a base of 20-25mm thick cement mortar 1:3 as per approved pattern, setting the tiles in cement slurry till 5'.0" Height , joints filled and finished neat with white cement as/specs, cleaning, applying acid wash, curing etc. complete at all levels.				
5	<b>Aluminum fixed glazing - on U channels</b>	Sq ft	10		
5.1	P/f of fixed glazing of 10mm thickness (of Modi Glass), along with entrance glass door with "U" channels embedded in floor and ceiling having silicon fillings on ends.				
6	<b>WOODWORK – DOORS</b>				
6.1	<b>Flush door -Lam/Lam</b>	Sq ft	42		
	P/f of Flush door, size-7'x3' (or as specified) (1-3/4" thk) with Laminate of approved make and shade on both sides. Cost would be inclusive of door closer, handles, bolts, hinges and all other hardware complete.				
6.2	<b>Sliding door mechanism</b>	No	02		
	P/f sliding door mechanism. Rate shall incl. All cutting, repairing,				

**Signature of bidder****Cont'd...08/-****-08-**

Sl No.	Item Description	Unit	Qty	Unit rate in Rs.	Amount in Rs.
7	<b>GYPSON FALSE CEILING</b>	Sq ft	40		
	Providing and fixing suspended Gypboard false ceiling including GI perimeter & intermediate channels, ceiling angles, 12.5mm Gypboard (conforming to IS-2095-1982)GI cleat and steel expansion fasteners (as per recommended specifications / practice of India Gypsum or equivalent Rate to include for hanging the supports from RCC slab/MS structural framework and providing extra framework for electrical fixtures, AC diffusers/ducts or any other cut-outs, scaffolding etc. complete.				
8	<b>GLASS WORK</b>				
8.1	<b>Glass in external glazing Partition</b>	Sq ft	10		
	P/f of 12 mm thk. Glass in external glazing Partition as/design. Rate shall include fitting on site, silicon filling on edges etc, all hardware complete, <b>with 1" X 1/4" Thk T.W Beading Patti.</b>				
8.2	<b>Mirror in Toilets</b>	No	01		
9	<b>CC Work</b>	Sq ft	200		
9.1	Providing and laying cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 stone aggregate 20mm and down gauge) 75mm in bed and around 160mm UPVC pipes under floor including centering and shuttering where required.				
9.2	Providing and fixing 100mm x 100mm Floor trap including making good of floor .(Cockroach Trap)				
9.3	Providing fixing of S.S.Jali of 100mm dia				
10	<b>G.I. pipes complete</b>	Ft	125		
10.1	Providing, laying and jointing G.I. pipes complete (20 mm nominal bore) with G.I. fittings and clamps, including cutting and making good the walls and floors and excavation and back filling wherever necessary etc., complete.The cost also includes Painting of G.I. pipes chased/buried with two coats of bitumastic paint, wrapping polythene tape and applying a final coat of bitumastic paint.				
11	<b>EXTERNAL SEWERAGE</b>				
11.1	<b>Gully trap</b>				
	Providing and fixing square mouth SW <b>gully trap</b> grade A complete with CI grating brick masonry chamber & water tight CI cover with frame of 300x300mm size ( inside ) the weight of cover to be not less than 4.53kg and frame to be not less than 2.72kg as per standard design.				
	100x100mm size p type with FPS bricks of class 75	No	02		
11.2	<b>PVC pipe</b>	ft	100		
	4"Thick(6"pressure) PVC pipe of parkash /Metro make used for dispose water only				
12	<b>Bath fittings and accessories in complete</b>	Lump sum	Lump sum		
	Providing and fixing of toilet fittings and accessories including W/C-01, Urinal-01, Wash basin-01, Taps (mixer type)-01, Towel Hanger-01 of make Jaquar				
13	<b>Laying of Paver Block</b>				
13.1	<b>Earth work:</b> Removing of plants and earth work in surface excavation, disposing of extra soil, leveling and dressing (10 cm Thick)	Cu ft	50		
13.2	<b>CC Work (1:5:10)</b> : 1:5:10 cement concrete with fine sand and 40 mm graded stone with a slope of 15 <sup>0</sup> to 20 <sup>0</sup> outward slopes (10 cm thick)	Cu ft	200		
13.3	<b>CC Work (1:2:4)</b> : 1:2:4 cement concrete with coarse sand and 20 mm graded stone aggregate (10 cm at outer and 50 cm inner thick)	Cu ft	80		
13.4	<b>Providing &amp; fixing of paver blocks</b> : Providing and laying of 20mm thick designer pavers block of approved make in all colour, shades laid on 20mm thick bed of cement mortar 1:4 (coarse sand) including pointing the joints with white cement and matching pigments etc.	Sq ft	250		

**Schedule II: Construction of toilet and associated works (Electrical) in the Meeting Room adjacent to Room No.6, Administrative Block, DST, Technology Bhavan, New Delhi -16**

Sl No.	Item Description	Unit	Qty	Unit rate in Rs.	Amount in Rs.
1	<b>Electrical fittings and fixtures</b>				
1.1	Wiring for light point/ fan point with 2 mm FR PVC insulated copper conductor single core cable in surface/ recessed steel conduit (as required), with modular switch, modular plate, suitable GI Box and earthing the point with 2 sq mm FR PVC insulated copper conductor single cable as required. Wire of ISI marked and top brand like Havells, Plaza, Kalinga etc. will only be used.	Each	06		
1.2	Wiring for light/ power plug with 2 X 4 sq mm FR PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No. 4 sq mm FR PVC insulated copper conductor single core cable for loop earthing as required.	mtr	60		
1.3	Supply & fixing of 5/15 A switch socket assembly of make Anchor/ Roma in PVC gang box including connection & testing etc. as required	No.	06		
1.4	Supply and fixing of 10 amps to 32 amps rating, 240 V "C" Series, MCB suitable for inductive load of single pole in the existing MCB DB complete with connections, testing and commissioning etc. as required	No.	01		
1.5	Supply and fixing of Power socket box 15 A with built-in switch for Geyser	No.	01		
1.6	Installation, testing and commissioning of pre-wired CFL fittings (2X36 watts with ballast) complete with all accessories and CFLs etc. Directly on ceiling, including connection with 2 sq mm FR PVC insulated, copper conductor, single core cable and earthing etc as required.	No.	01		
1.7	Providing & fixing of exhaust fan size 300 mm RPM 600, 240 Volts, 50 Hz etc. as required (Make: Usha/ Khaitan/ Crompton).	No.	01		
1.8	Wiring for power plug with 2 X 6 sq mm FR PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No. 4 sq mm FR PVC insulated copper conductor single core cable for loop earthing as required for air conditioner	Mtr	20		
1.9	Installation, testing and commissioning of geyser ISI marked 15 ltrs capacity complete with all accessories etc. Directly on wall, including connection with 4 sq mm FR PVC insulated, copper conductor, single core cable and earthing etc as required (Bajaj/ Crompton).	No.	01		
1.10	Installation, testing and commissioning of hand drier ISI marked with sensor complete with all accessories etc. Directly on wall, including connection with 4 sq mm FR PVC insulated, copper conductor, single core cable and earthing etc as required.	No.	01		

**Summary of works: Construction of toilet and associated works (Electrical) in the Meeting Room adjacent to Room No.6, Administrative Block, DST, Technology Bhavan, New Delhi -16**

Sl No.	Description of Work	Amount
	<b>Civil Works</b>	
01	Dismantling of work	
	1.1 Dismantling of flooring	
	1.2 Dismantling of CC	
	1.3 Dismantling of False ceiling	
	1.4 Dismantling of Dismantling aluminum/ steel door and window/ rolling shutter/ MS angles with asbestos/ aluminum sheet	
	1.5 P/M Holes and etc.	
02	y Work	
	2.1 6" Brick work	
	2.2 Plaster	
	2.3 Plain Cement Concrete	
03	Flooring	
	3.1 Glazed ceramic floor tiles (Kajaria/Orient/Somany)	
04	Wall Tiling	
	4.1 P/L glazed ceramic Wall tiles (Kajaria/Orient/Somany)	
05	Aluminum fixed glazing - on U channels	
06	WOODWORK – DOORS	
	6.1 Flush door -Lam/Lam	
	6.2 Sliding door mechanism	
07	GYPSUM FALSE CEILING	
08	Glass Work	
	8.1 Glass in external glazing partition	
	8.2 Mirror in Toilets	
09	CC Work	
10	G.I. pipes complete	
11	EXTERNAL SEWERAGE	
	11.1 Gully trap	
	11.2 PVC pipe	
12	Bath fittings and accessories in complete	
13	Laying of Paver Block	
	13.1 Earth Work	
	13.2 CC Work (1:5:10)	
	13.3 CC Work (1:2:4)	
	13.4 Providing & fixing of paver block	
	<b>Electrical works</b>	
1	<b>Electrical fittings and fixtures</b>	
1.1	Wiring for light point/ fan point	
1.2	Wiring for light/ socketr plug	
1.3	Supply & fixing of 5/15 A switch socket	
1.4	Supply and fixing of 10 amps to 32 amps rating, 240 V "C" Series, MCB	
1.5	Supply and fixing of industrial socket box	
1.6	Installation, testing and commissioning of pre-wired CFL fittings	
1.7	Providing & fixing of exhaust fan	
1.8	Wiring for power plug	
1.9	Installation, testing and commissioning of geyser	
1.10	Installation, testing and commissioning of hand drier	

<b>MATERIAL SPECIFICATION LIST</b>
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<b>MATERIAL SPECTS</b>	<b>MAKE</b>
Cement	Ultratech/ Ambuja 53 grade
Cement for fixing dado tiles in toilet	Ultratech/ Ambuja 43 grade
White cement	Birla white
Floor tiles-Vitrified	Johnson / nitco / kajaria / REGENCY
Floor tiles-toilet and pantry	Johnson / nitco / kajaria / REGENCY
Dado tiles-glazed/ceramic	Kajaria/ Johnson/nitco
Granite for pantry counter	jet black
Water proofing compound	Roff / Suvidha
Plumbing fixtures	Jaquar
C I pipes	Tata / Zenith
G I pipes	Tata / Zenith
Sanitarywares	Hindware / Parryware
Toilet accessories	Jaquar / ESSESS
Pantry sink	Nirali or equivalent
<b>CARPENTRY ITEMS</b>	
Commercial plywood	Commercial plywood
Marine plywood	Centrury-Sainik / Garnet / Samrat or equivalent
MDF	Duratuff / Nuewood
Block board	Garnet / Galaxi or equivalent
Prelam boards	Nova Pan / Deco Board
Flush door	Green / GALAXY
Laminate	Formica / Merino / Sundek / Green Lam / Century
	<b>Teak Samua – 456 Century or equivalent</b>
	<b>Egg White – Formica/Merino or equivalent</b>
	<b>Salt-and-Peper – 499 Suede or equivalent</b>
Veneer	GARNET / COLOURPLUS / SAMRAT / GREEN LAM
Adhesive for wood	Fevicol SH
Rubberized Adhesive	SR 998 & SR Express of Pidilite
French Polish	LOCAL
Melamine finish	Local
<b>PAINT, CELING AND FLOORING</b>	
Acrylic emulsion paint	Asian / Berger
Plastic Paint	Asian / Berger
Gypsum Ceiling	India Gypsum
Glazing	Modi / Asahifloat / SAINT GOBAIN (Tempered glass)
Mirror	MODI / ASAH/ SAINT GOBAIN
Duco paint	Asian / Berger
Modular ceiling	
<b>MISCELLANEOUS ITEMS</b>	
Vertical Blinds	Vista/ MARC
Magnetic Board	White Mark/ALTOP
Hand dryer	Kopal/ASKON
Foot mat	Duroturf/Birla 3 M

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	<b>HARDWARE ITEMS</b>	
	Aluminum section	Jindal or equivalent GEETA / HINDAL
	Floor Spring	Hyper / Archies or equivalent
	Door Closure	Hyper / Hardwings or equivalent
	Door Stopper	Local
	Glass Handles	Local
	Cabinet Handles	Local
	Knobs	Local
	Door Hinges- BRASS	MARUTI
	Shutter Hinges	MARUTI
	Latch	GODREJ / TAG
	Tower bolt	Local
	Cylindrical lock	GODREJ
	Door Lock	Godrej / Vijayan
	Drawer Lock	Godrej
	Pedestal Lock	Godrej
	Storage Lock	Vijayan / Godrej
	Magnetic Ball Catch	Local
	Drawer Guide	Local
	Telescopic Channel	Albihari
	Wire Manager	Local
	Keyboard	INNOFIT/LOCAL
	CPU trolley	INNOFIT/LOCAL
	Steel Studs / spacers	304 SS QUALITY
	Screws	LAXMI / Local/GKW
	<b>ELECTRICAL ITEMS</b>	
	Electrical Wire	Kalinga/ Plaza/ Havells
	Electrical Switches/ sockets/ Power Sockets	Anchor/ Roma
	Pre-wired CFL Fittings	Philips
	Exhaust Fan	Usha/ Khaitan/ Crompton
	Geyser	Bajaj/ Crompton
	Hand Drier	Avro

**List of firms**

**M/s Sunil Kumar Sinha  
D-141 Lal Kuan Chungi 3  
M B Road  
New Delhi-110044**

**M/s Satnam Singh Contractor & Builder  
B-204 2<sup>nd</sup> Floor  
Mansoraber Garden  
New Delhi-110015**

**M/s Prominent Builders  
2205 Raj Guru Road  
Pahar Ganj  
New Delhi-110055**

**M/s Y P Enterprises  
1512 A Maruti Vihar  
Gurgaon  
Haryana**

**M/s Bumbrah Electric Company  
2205/5 Raj Guru Road  
Chuna Mandi, Pahar Ganj  
New Delhi-110055**

**M/s Janta Electric Works  
7, DDA Market  
Madhuban Colony  
New Delhi-110092**