



ICAR – INDIAN INSTITUTE OF SOIL SCIENCE
NABI BAGH, BERASIA ROAD, BHOPAL – 462038

TENDER DOCUMENT

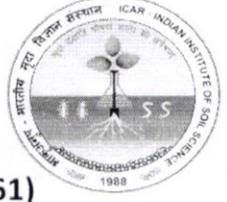
INVITATION TO ONLINE TENDER AND INSTRUCTIONS
CONTAINING TERMS AND CONDITIONS FOR
Road Levelling Work and Renovation of Main Gate

Contact Details:

I/c SENIOR ADMINISTRATIVE OFFICER
ICAR – INDIAN INSTITUTE OF SOIL SCIENCE,
NABI BAGH, BERASIA ROAD, BHOPAL – 462038, MADHYA PRADESH
TEL. NO (0755) 2747375, 2730970 (EXT. NO. 233 & 134) FAX. NO. (0755) 2733310
E-mail: director.iiss@icar.gov.in, Website <https://iiss.icar.gov.in>



आईसीएआर-भारतीय मृदा विज्ञान संस्थान
नबीबाग, बैरसिया रोड, भोपाल - 462038 (म.प्र.)



ICAR-Indian Institute of Soil Science
Nabibagh, Berasia Road, Bhopal – 462038 (M.P.)
Tel. No.(0755)2747375 EPABX:2730970/2734221 (Ext. No. 2330020& 261)
Fax. No. (0755) 2733310, E-mail –director.iiss@icar.gov.in

F. No. 6-64/23-24/Works/IISS

Dated: - 29.01.2024

TENDER NOTICE

Online bids are invited from reputed & interested firms for Work of **Road Levelling Work and Renovation of Main Gate** at ICAR Unit IISS, Bhopal. A DD / FDR of **Rs. 25,000/- (Rupees Twenty Five Thousand only)** as earnest money deposit (EMD) is to be made in favor of **ICAR Unit-IISS, Bhopal** and may be addressed to Director, ICAR-IISS, Bhopal.

1.	Details of Tender Deposit	
	Earnest Money Deposit	Rs. 25,000/- (Rupees Eight Thousand Only)
	Security Deposit	3 % of the total value of contract

Tender Schedule (Critical Date Sheet)

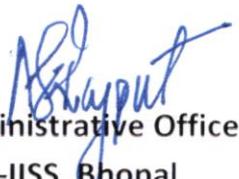
Tender Id	<u>2024 DARE 792023 1</u>
Tender No.	<u>6-64/23-24/Works/IISS</u>
Name of Organization	<u>Indian Institute of Soil Science</u>
Date and Time for issue / Publishing	<u>24-Jan-2024 06:30 PM</u>
Document Download / Sale Start Date and Time	<u>25-Jan-2024 10:00 AM</u>
Document Download / Sale End Date and Time	<u>07-Feb-2024 10:00 AM</u>
Bid Submission Start Date and Time	<u>25-Jan-2024 11:00 AM</u>
Bid Submission End Date and Time	<u>07-Feb-2024 10:00 AM</u>
Technical Bid Opening Start Date and Time	<u>07-Feb-2024 11:00 AM</u>
Price Bid Opening Start Date and Time	<u>To be notified later</u>
Address for Communication	Director, Indian Institute of Soil Science, Nabibagh, Berasia Road, Bhopal-462038

Online bids are invited under two-bid system (containing technical bid & financial bid) through e-procurement system of CPP portal from registered / well-established / reputed firms at ICAR-IISS, Bhopal. **The instructions for uploading the tender / quotation may be obtained from the website of CPP Portal i.e. <https://eprocure.gov.in/eprocure/app>.**

Tender form, terms & conditions can be downloaded from the website <https://eprocure.gov.in>, up to **10:00 am of 07-Feb-2024** and <https://iiss.icar.gov.in>. Online bids complete in all respects should be submitted through CPP Portal <https://eprocure.gov.in> only on or before the last date and time i.e. **07-Feb-2024 at 10:00 AM.**

In case, holiday is declared by the Government on the day of opening of bids, the bids will be opened on the next working day at the same time. The Director, IISS, Bhopal reserves the right to accept or reject any of all the tenders without assigning any reasons.

Please note that only online bids submitted through CPP Portal will be accepted. The lump sum rates quoted in the uploaded BOQ shall only be considered for comparison of financial bids. Technical Bid and Financial Bid (BOQ) should be uploaded separately.


I/c Senior Administrative Officer
ICAR-IISS, Bhopal

	Government eProcurement System	eProcurement System Government of India
	Tender Details	Date : 29-Jan-2024 05:15 PM

 Print

Basic Details

Organisation Chain	Department of Agricultural Research and Education Indian Council of Agricultural Research,DoARE,MoA Indian Institute of Soil Science-Bhopal		
Tender Reference Number	6-64/2023-24/IISS		
Tender ID	2024_DARE_792023_1	Withdrawal Allowed	Yes
Tender Type	Open Tender	Form of contract	Works
Tender Category	Works	No. of Covers	2
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No
Payment Mode	Offline	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No

Payment Instruments

Offline	S.No	Instrument Type
	1	Bank Guarantee
	2	Demand Draft
	3	FDR

Cover Details, No. Of Covers - 2

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical	.pdf	Tender documents
2	Finance	.xls	Boq

Tender Fee Details, [Total Fee in * - 0.00]

Tender Fee in	0.00	Fee Payable To	Nil	Fee Payable At	Nil
Tender Fee Exemption Allowed	No				

EMD Fee Details

EMD Amount in	25,000	EMD through BG/ST or EMD Exemption Allowed	No
EMD Fee Type	fixed	EMD Percentage	NA
EMD Payable To	ICAR Unit IISS	EMD Payable At	Bhopal

Work /Item(s)

Title	Road Levelling Work and Renovation of Main Gate				
Work Description	Road Levelling Work and Renovation of Main Gate				
Pre Qualification Details	As per tender documents				
Independent External Monitor/Remarks	NA				
Tender Value in	NA	Product Category	Civil Works - Others	Sub category	As per tender documents
Contract Type	Tender	Bid Validity(Days)	180	Period Of Work(Days)	30
Location	ICAR-IISS, Bhopal	Pincode	462038	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	ICAR-IISS, Bhopal
Should Allow NDA Tender	No	Allow Preferential Bidder	No		

Critical Dates

Publish Date	24-Jan-2024 06:30 PM	Bid Opening Date	08-Feb-2024 11:00 AM
Document Download / Sale Start Date	25-Jan-2024 10:00 AM	Document Download / Sale End Date	07-Feb-2024 10:00 AM
Clarification Start Date	NA	Clarification End Date	NA
Bid Submission Start Date	25-Jan-2024 11:00 AM	Bid Submission End Date	07-Feb-2024 10:00 AM

Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	Road Levelling Work and Renovation of Main Gate at ICAR-IISS, Bhopal.	3706.74

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	BOQ	BOQ_832446.xls	Boq	358.00

Tender Inviting Authority

Name	I/c Senior Administrative Officer
Address	ICAR-Indian Institute of Soil Science, Nabibagh Berasia Road, Bhopal



आईसीएआर-भारतीय मृदा विज्ञान संस्थान
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F. No. 6-64/2023-24/IISS

Dated: -24.01.2024

INVITATION TO ONLINE TENDER AND INSTRUCTIONS
CONTAINING TERMS AND CONDITIONS FOR

Road Levelling Work and Renovation of Main Gate

From: - Director,
ICAR-Indian Institute of Soil Science,
Nabibagh, Berasia Road,
Bhopal – 462038 (M.P.).

To

Dear Sir(s),

Online Tenders are hereby invited on behalf of the Director, ICAR-IISS,
Bhopal for **Road Levelling Work and Renovation of Main Gate.**

SCOPE OF WORK:

Dsr no	S. no	Item	Unit	Quantity	Rate	Amount
16.43.2	1	Providing and laying C.C. pavement of mix M-25 with ready mixed concrete from batching plant. The ready mixed concrete shall be laid and finished with screed board vibrator, vacuum dewatering process and finally finished by	cum	95		

		floating, brooming with wire brush etc. complete as per specifications and directions of Engineer-in-Charge. (The panel shuttering work shall be paid for separately). (Note: - Cement content considered in this item is @ 330 kg/cum. Excess/less cement used as per design mix is payable/ recoverable separately).			
4.3	2	Providing and fixing 1 st quality rectified ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sq.m, including pointing in white cement mixed with pigment of matching shade complete	Sq.m	135	
2.10.2	3	Grassing with selection No. 1 doob grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn, free from weeds and fit for mowing including supplying good earth, if needed (the grass and good earth shall be paid for separately). With grass Turf	Sq.m	200	
5.22.6	4	Steel reinforcement for R.C.C. work including straightening,	kg	1800	

		cutting, bending, placing in position and binding all complete up to plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.				
4.1.2	5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) .	cum	10		
4.1.5	6	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	50		
20.2.1	7	Boring, providing and installation bored cast-in-situ reinforced cement concrete piles of grade M-25 of specified diameter and length below the pile cap, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and temporary casing of appropriate length for setting out and removal of same and the length of the pile to be embedded in the pile cap etc.	meter	26		

		by percussion drilling using Direct mud circulation (DMC) or Bailer and chisel technique by tripod and mechanical Winch Machine all complete, including removal of excavated earth with all its lifts and leads (length of pile for payment shall be measured up to bottom of pile cap). Note: Truck Mounted rotary/TMR/Tube well boring machine shall not be used . 450 mm dia piles				
Ns	8	Providing and fixing M.S. grills of required pattern in frames with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.	Kg	900		
4.3.2	9	Centering and shuttering including strutting, propping etc. and removal of form work for : Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	Sq.m	80		
12.50	10	Providing and fixing pre-coated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sq.m as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of	Sq.m	50		

		25 microns minimum to avoid scratches during transportation and should be supplied in single length up to 12 meter or as desired by Engineer-in-charge. The sheet shall be fixed using self-drilling /self-tapping screws of size (5.5x 55 mm) with EPDM seal, complete up to any pitch in horizontal/vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.				
16.7.1	11	Brick edging in full brick width and half brick depth including excavation, refilling and disposal of surplus earth lead upto 50 meters. With common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 .	meter	100		
18.7.3	12.	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. 25 mm nominal dia Pipes	meter	80		
Ns	13	Providing and fixing of fountain Water jet height up to 3 m and base up to (2.5-3.5)m	nos	1		
8.2.2.1	14	Providing and fixing 18 mm thick gang saw cut, mirror polished, pre-molded and pre-	Sq.m	30		

		polished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, molding and polishing of edges to give high gloss finish etc. complete at all levels. Granite stone slab of colour black, Cherry/Ruby red. Area of slab up to 0.50 sq.m.				
Ns	15	Providing and fixing led letters of size with logo. <i>of existing size</i>	nos	50		
8.32	16	Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminum Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building , for all heights and all levels etc. including: (a) Structural analysis & design and preparation of shop drawings for pressure equalization or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design) Providing, fabricating and supplying and fixing panels of aluminum composite panel cladding in pan shape in metallic colour of approved shades made out of	Sq.m	120		

4mm thick aluminum composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminum sheets (each 0.5mm thick).

The aluminum composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoro polymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc.

(c) The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot

Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material &

labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with

aluminium composite panel cladding, cleaning and protection of the curtain wall

		with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium items. The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete , as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in-Charge. However, for the purpose of payment, only the actual area on the external face of the curtain wall with Aluminum Composite Panel Cladding (including width of groove) shall be measured in sq.m up to two decimal places.				
16.4	17	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road/vibratory roller 8-10 ton capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density .	cum	60		
16.1	18	Preparation and consolidation of sub grade with power road roller of 8 to 12 ton capacity	Sq.m	312		

		after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub-grade and disposal of surplus earth with lead upto 50 metres.				
16.68	19	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	Sq.m	131		
Ns	20	Supplying and fixing submersible motor for operation of fountain with all electric components.	Nos	1		
21.1.1.1	21	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be	Kg	250		

		smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion Anodized aluminium (anodized transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15) kg			
13.99.1	22	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work.	Sq.m	240	
Ns	23	Providing and fixing R.C.C. pipes NP2 class 300 mm dia and making hole in existing masonry wall.	meter	4	
Ns	24	Providing and fixing aluminium window .	Sq.m	6	
11.41A. 1.1	25	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the	Sq.m	10	

		<p>joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only. Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily. Double charge vitrified tile polished finish of size Size of Tile 600 x 600 mm .</p>				
	26	<p>Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.</p>	Sq.m	25		
Ns	27	<p>Cutting repair and refixing of Ms gates required labour and steel material.</p>	Sq.m	21		
Ns	28	<p>Providing and laying integral waterproofing compound.</p>	liter	10		
Ns	29	<p>Name board embedded on masonry wall of size (0.9 x 0.6 m)</p>	Nos	1		

1. The site is located at Institute Farm at Nabibagh, Berasia Road, Bhopal. **The firms are requested to visit the site before quoting the rates.**
2. **Documents: Firm should have provide following documents**
 - a. **Average annual turnover of the bidder over las three financial year**

should not be less than 60 lakh (Attached CA certified audited profit and loss account with balance sheet.)

- b. Bank solvency certificate up to Rs. 20 Lakh.
 - c. ESIC certificate.
 - d. EPF certificate.
 - e. Annual turnover certificate for last three year with UDIN.
3. The bidder should have local office in Bhopal region with working staff.
 4. All pages of the tender document should be sealed and signed by the bidder.
 5. Payment will be made only after successful completion of work and verification by civil engineer / Engineer-in-charge.
 6. No partial payment will be made.
 7. Rates of GST should be indicated in clear terms separately. Firm's GST Registration Number should be indicated in the quotation.
 8. Unless otherwise mentioned in the quotation, it will be presumed that the quoted rates are inclusive of all taxes / levies and free delivery at our Institute.
 9. Manufacturer's name, their trademark and brand, if any, should invariably be mentioned in the quotation. Illustrated leaflets, giving technical particulars, operational manual etc. should be sent along with the quotation to facilitate consideration of offer.
 10. The rates quoted should be valid for 90 days from the date of opening or quotation / financial bid.
 11. In all matters of disputes, the decision of the Director of this Institute shall be final and binding.
 12. The period of completion of work should clearly be specified in the quotation. However, the time allowed by this Institute will be **10 days** from the date of issue of work order.
 13. The payment will be made within reasonable time say within **30 days after the completion of work** at this Institute. Taxes are applicable by Central / State Govt. will be deducted from the bill. Since the mode of payment will be e-payment system, hence Bank account number, Name of the Bank with location and IFSC code of Bank may be furnished on the body of the bill.
 14. **Performance Security:** Before undertaking the work after the issue of notification of award (i.e. supply order) by this Institute, the Supplier shall furnish performance security to the Institute for an amount of 3% (Three Percent) of the contractual obligations by the Supplier, including the warranty obligation.
 15. The Institute reserves the Right to reject any or all the quotation(s) received without assigning any reason thereof.
 16. The contractor shall be entirely responsible for the security and safety of persons employed by him.
 17. During the work, the contractor shall be responsible for any loss caused by its worker and shall be recovered from the bill.
 18. TDS will be deducted as per rules.

19. Institute will not responsible for unloading, handling, storing, staking of the material at site.


I/c Senior Administrative Officer

Distribution:

1. Indenter, IISS, Bhopal.
2. I/c AKMU with the request to upload the quotation letter on the Institute website.
3. CPPP Portal.