



आरोग्यम् सुखं सम्पदा

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES RAIPUR**

**OFFICE OF  
THE EXECUTIVE ENGINEER  
PROJECT CELL AIIMS, RAIPUR**

**NOTICE INVITING TENDER**

**N.I.T. NO. 31/EE/AIIMS/RPR/2018-19**

**Date: - 06/11/2018**

**NAME OF WORK: - "Developing infrastructure for VRDL Laboratory in the department of Microbiology at AIIMS, Raipur."**

**ESTIMATED COST**

**PUT TO TENDER: Rs. 14,29,769.83/- { Part "A" – Civil – Rs. 11,65,265.83  
Part "B" – Electrical – Rs. 2,64,504.00 }**

**EARNEST MONEY: Rs. 28,596/-**

**TIME ALLOWED: 30 (Thirty) Days**


Issued to & Submitted by: \_\_\_\_\_

Mobile No / E-mail id: \_\_\_\_\_

Address: \_\_\_\_\_

**Junior Engineer (C)**

Approved by

  
**Executive Engineer (Civil)  
AIIMS, RAIPUR**

**PRESS TENDER NOTICE**

The Executive Engineer, Project Cell AIIMS, Raipur invites on behalf of AIIMS, Raipur offline percentage rate tenders from approved and eligible contractors of CPWD, MES, BSNL, Chhattisgarh State PWD, for the following work at office of SE Project Cell, AIIMS Raipur

Sl. No.	NIT No.	Name of work & Location	Estimated cost	Earnest Money	Period of Completion	Time & Date of submission of Tender	Time & Date for Opening Of Technical & Eligible Credential	Financial bid opening will be intimated to the eligible bidder.
1	2	3	4	5	6	7	8	9
1	30/EE/AIIMS/RPR/2018-19	“Developing infrastructure for VRDL Laboratory in the department of Microbiology at AIIMS, Raipur.”	Rs. 14,29,770/-	Rs. 28,596/-	30 (Thirty) Days	Upto 3:00 PM on 16-11-2018	3:30 PM on 16-11-2018	By E-Mail Only

The tender forms and other details will be issued from the office of The Executive Engineer, Project Cell AIIMS, Raipur during the hours of 10:00 AM to 5:00 PM every day except on Sunday & public holiday and on Saturday upto 2:00 PM on submission of the following :-

- i) **Rs.500/-** in form of treasury Challan / Banker’s cheque Deposit at Call Receipt of a Scheduled Bank / Fixed Deposit Receipt of a Scheduled Bank / **Demand Draft** of a Scheduled Bank issued in favour of “**AIIMS Raipur**” as cost of tender (non refundable) shall be submitted by the contractor after the issue of tender document after verification by office of Executive Engineer (Civil).

- ✓ The enlistment of the contractors should be valid on the last date of sale of tenders.
- ✓ In case only the last date of sale of tender is extended, the enlistment of contractor should be valid on the original date of sale of tenders.
- ✓ In case both the last date of receipt of application and sale of tenders are extended the enlistment of contractor should be valid on either of the two dates i.e. the original date of sale of tenders or on the extended date of sale of tenders.
- ✓ The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.

### **CRITICAL DATE SHEET**

Uploading on Website	<b>06-11-2018</b>
Bid Document Sale Start Date	<b>06-11-2018</b>
Last Date for Purchase Tender Form	<b>15-11-2018</b>
Bid Submission Last Date	<b>16-11-2018 at 03:00 pm</b>
Bid Opening Date	<b>16-11-2018 at 03:30 pm onwards</b>

The following documents showing eligibility criteria are required to be submitted by the Bidder during purchase of tender documents with self attested photocopies by application in the name of Executive Engineer, AIIMS, Raipur.

**Tender form will be issued only after verification of all documents from original:-**

- a) Tender Cost for original documents.
- b) PAN Card
- c) Firm/Company registration certificate with vailidity. .
- d) GST registration certificate.
- e) Tenderer must provide a certificate on letter head that proprietor /firm has never been black listed by any organization
- f) Form A (Structure and Organisation details) with duly filled by bidder.

**FORM – “A”**

**STRUCTURE & ORGANISATION  
(TO BE SUBMITTED BY BIDDER)**

1. Name & address of the Bidder :-
2. Telephone No. / Telex No. / Fax No.
3. Legal status of the Bidder (Attach copies of original document defining the legal status)
  - (a) An Individual.
  - (b) A Proprietorship Firm.
  - (c) A Partnership Firm
  - (d) A Limited Company or Corporation

4. Particulars of registration with various Government Bodies (Attach attested photocopy)

**Organization/Place of Registration**

**Registration No.**

- 1.
  - 2.
  - 3.
5. Names and titles of Directors & Officers with designation to be concerned with this work.
  6. Designation of individuals authorized to act for the organization.
  7. Has the Bidder, or any constituent partner in case of partnership firm, Limited Company / Joint Venture, ever been convicted by the Court of Law? If so, give details.
  8. In which field of Civil Engineering construction the Bidder has specialization and interest?
  9. Any other information considered necessary but not included above.

Signature of Bidder (s)

**PROFORMA FOR QUOTING THE RATES**

**Name of Work: Developing infrastructure for VRDL laboratory in the department of Microbiology at AIIMS Raipur.**

**NIT No. -**

<b>Sr. No</b>	<b>Name of Component</b>	<b>Estimated Cost (Rs)</b>	<b>Percentage above or below the estimated cost</b>	<b>% in figures</b>	<b>% in words</b>	<b>Total Cost</b>
1	Civil Work	<b>1165265.83</b>				
2	Electrical Work	<b>264504.00</b>				
	<b>Total Cost</b>	<b>1429769.83</b>				
	<b>Total Percentage</b>					
1	Only one of the options is to be filled. More than one option will be rejected.					
2	Rate filled in any form shall be considered only in %age.					
3	Rate filled at any other place in the document will not be considered.					
4	No condition will be accepted.					
<b>Signature of Bidder with full Address :</b>						
<b>Date :</b>						

<b>Schedule of Quantity (CIVIL - PART A)</b>					
<b>Name of Work: Developing infrastructure for VRDL laboratory in the department of Microbiology at AIIMS Raipur.</b>					
<b>Sr.No</b>	<b>Item</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
<b>Subhaed I - Carriage of Materials</b>					
1.1	By Mechanical Transport including loading, unloading and stacking up to 5 Km lead				
1.1.1	Lime, moorum, building rubbish cum	15.00	cum	139.22	2088.30
<b>Subhaed II - Reinforced Cement Concrete</b>					
2.1	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete work in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like, including the cost of required centering, shuttering but, excluding cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) :3 graded stone aggregate 20 mm nominal size).	2.20	cum	8134.07	17894.95
2.4	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.	173.00	Kg	66.03	11423.19
<b>Subhaed III - Brick Work</b>					
3.1	Brick work with flyash F.P.S. (non modular) brick of class designation 7.5 in superstructure above plinth level up to floor five level in :				
3.1.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	4.00	cum	6768.61	27074.44
3.2	Half brick masonry with Fly Ash F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level upto floor V level :				
3.2.1	cement mortar 1:4 (1 cement : 4 coarse sand)	40.00	sqm	798.26	31930.40
<b>Subhaed IV - Marble and Granite Work</b>					
4.1	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, 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, moulding and polishing to edges to give high gloss finish etc. complete at all levels.				
4.1.1	Granite of any colour and shade				
4.1.1.1	Area of slab over 0.50 sqm	20.00	sqm	3632.16	72643.20

4.2	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge : Granite work :				
4.2.1	Granite work	22.00	metre	286.65	6306.30
4.3	Extra for fixing marble /granite stone, over and above corresponding basic item, in facia and drops of width upto 150 mm with epoxy resin based adhesive, including cleaning etc. complete.	22.00	metre	310.62	6833.64
<b>Subhaed V - Wood and PVC Work</b>					
5.1	Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc. complete :				
5.1.1	75x47x1.80 mm :	90.00	each	48.36	4352.40
5.2	Providing and fixing special quality bright finished brass cupboard or ward robe locks with four levers of approved quality including necessary screws etc. complete :				
5.2.1	40 mm :	15.00	each	191.22	2868.30
5.3	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width rom 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	1.00	each	453.13	453.13
5.4	Providing and fixing ISI marked aluminium butt hinges anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with necessary screws etc. complete:				
5.4.1	100x63x3.2 mm	2.00	each	85.22	170.44
5.5	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
5.5.1	250x10 mm	2.00	each	102.78	205.56
5.6	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete :				
5.6.1	Twin rubber stopper :	8.00	each	44.33	354.64
5.7	Providing and fixing 2nd class teak wood lipping/ moulded beading or taj beading of size 18X5 mm fixed with wooden adhesive of approved quality and screws/ nails on the edges of the Pre- aminated particle board as per direction of Engineer-in-charge	200.00	metre	75.07	15014.00

5.8	Providing and fixing bright finished 100 mm mortice lock/locks for sliding door with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineer- in-charge	7.0	each	552.59	3868.13
5.9	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete :				
5.9.1	Double strip (horizontal type) :	26.00	each	25.08	652.08
5.1	Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineer-in- charge.	43.00	one set	231.29	9945.47
5.11	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality :	251.00	sqm	604.33	151686.83
5.12	Providing and fixing bright /matt finished Stainless Steel handles of approved quality & make with necessary screws etc all complete				
5.12.1	100 mm	73.00	each	77.58	5663.34
5.13	Providing & Fixing 18 mm thick water proof (BWP phenol bonded) Ply board of approved 1st quality and manufacture Duro/century/Green in furniture work etc, complete as per the direction of Engineer in charge.	200.00	sqm	1286.10	257220.00
<b>Subhaed VI - Flooring</b>					
6.1	Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding, and joints filled with acid and/or alkali resisting cement as per IS : 4457, complete as per the direction of Engineer-in- Charge.				
6.1.1	In flooring on a bed of 10 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand)				
6.1.1.1	Acid and alkali resistant tile	58.00	sqm	1252.23	72629.34
6.2	In dado/skirting on 12 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand)				
6.2.1	Acid and alkali resistant tile	7.00	sqm	1334.19	9339.33
<b>Subhaed VII - Finishing</b>					
7.1	12 mm cement plaster of mix :				
7.1.1	1:4 (1 cement: 4 fine sand)	82.00	sqm	201.77	16545.14
7.3	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	64.00	sqm	101.91	6522.24



7.4	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound ) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.				
7.4.3	One coat	280.00	sqm	54.42	15237.60
<b>Subhaed VIII - Repairs to Buildings</b>					
8.1	Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of mulba/ rubbish to the nearest municipal dumping ground, all complete as per directions of Engineer-In-Charge.				
8.1.1	For door/ window/ clerestory window	17.75	sqm	637.29	11311.90
<b>Subhaed IX - Dismantling and Demolishing</b>					
9.1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.				
9.1.1	In cement mortar	2.81	cum	983.20	2765.25
9.2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : Of area 3 sq. metres and below :				
9.2.1	Of area beyond 3 sq. metres	2.00	each	252.47	504.94
9.3	Dismantling steel work in single sections including dismembering and stacking within 50 metres lead in:				
9.3.1	Channels, angles, tees and flats	200.00	kg	1.11	222.00
9.4	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	58.00	sqm	127.57	7399.06
9.5	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	58.00	sqm	26.13	1515.54
9.6	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	23.00	sqm	28.35	652.05

<b>Subhaed X - Sanitary Installations</b>					
10.1	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:				
10.1.1	White Vitreous China Angle back wash basin size 400 x 400 mm with single 15 mm C.P. brass pillar tap	2.00	each	1950.83	3901.66
10.2	White Vitreous China Flat back wash basin size 450x 300 mm with single 15 mm C.P. brass pillar tap	2.00	each	1815.32	3630.64
<b>Subhaed XI - Water Supply</b>					
11.1	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.				
	Concealed work, including cutting chases and making good the walls etc.				
11.1.1	20 mm nominal outer dia Pipes	21.00	metre	332.32	6978.72
11.1.2	25 mm nominal outer dia Pipes	9.00	metre	389.20	3502.80
11.1.3	32 mm nominal outer dia Pipes	28.00	metre	481.71	13487.88
<b>Subhaed XII - Aluminium Work</b>					
12.1	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 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) :				
12.1.1	For fixed portion				
12.1.1.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)	445.06	kg	448.58	199645.01

12.1.2	For shutters of doors, windows & ventilators including providing and fixing hinges/rollers and lock arrangement pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)				
12.1.2.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)	199.014	kg	519.05	103298.22
12.2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):				
12.2.1	With float glass panes of 5.50 mm thickness	45.00	sqm	1171.27	52707.15
12.3	Providing and fixing SS handles (Grooved in aluminum) for sliding doors of size 200 mm including cost of cutting of grooves in member and fixing with ss screws as per direction of Engineer in charge. Nothing extra will be paid in this regard.	10.00	each	317.33	3173.30
12.4	Providing and fixing bright finished 250 mm pair of stainless steel handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineer- in-charge	4.00	each pair	411.83	1647.32
				<b>Total</b>	<b>1165265.83</b>

SCHEDULE OF QUANTITY- Electrical (Part-"B")					
Item No	Description of Items	Unit	Qty	Rate	Amount
1	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing & accessories etc. as required. (But without MCB/RCCB/Isolator)				
1.1	8 way (8 + 24), Double door	Each	2	10062.00	20124.00
2	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning & accessories etc. as required.				
2.1	Single pole	Each	48	199.00	9552.00
3	Supplying and fixing TP&N MCB,440 volts, 'C' curve,suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning & accessories etc. as required.				
3.1	63A	Each	2	1642.00	3284.00
4	Supplying and fixing following rating, four pole, (three phase and neutral), 415 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning & accessories etc. as required.				
4.1	63 A	Each	2	2777.00	5554.00
5	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit & accessories as required.				
(i)	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	meter	50	146.00	7300.00
(ii)	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	meter	80	200.00	16000.00
(iii)	4 X 4 sq. mm + 2X 4 sq. mm earth wire	meter	120	308.00	36960.00
(iv)	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	meter	80	249.00	19920.00
(iv)	4 X 16 sq. mm + 2 X 6 sq. mm earth wire	meter	60	752.00	45120.00
6	supplying and Fixing 20 A,240 V,SPN Industrial type socket outlet,with 2 pole and earth, Metal Enclosed plug top alongwith 20 A,"C" curve,SP,MCB, in sheet steel enclosure, on surface or in recess,with chained metal cover for the socket outlet and complete with connections, testing and commissioning & accessories etc. as required	Each	8	1232.00	9856.00
7	Supplying & Fixing following size/modules, GI box alongwith moduler base & cover plate for moduler switches in surface/recess etc as required.				

7.1	3 Module (100mm X 75mm)	Each	15	267.00	4005.00
7.2	6 Module (200mm X 75mm)	Each	18	333.00	5994.00
8	Supplying & Fixing following modular switch/ socket on the existing moduler plate & switch box including connections but excluding modular plate etc as required.				
8.1	5/6 amps switch	Each	36	85.00	3060.00
8.2	15/16 amps switch	Each	15	132.00	1980.00
8.3	3 pin 5/6 amp socket outlet	Each	36	111.00	3996.00
8.4	6 pin 15/16 amp socket outlet	Each	15	175.00	2625.00
9	SITC of efficient, glare free 31 watt LED 600X600mm size Ceiling mounted down light LED PS diffuser; CRCA Housing fixture with CCT 6500K±300K, CRI >80. Power consumption 31W(Max), LED Efficacy 115lm/W (Min), system lumens shall not be less than 3600. Driver Power factor shall be >0.95, IP20 and THD shall be less than 10%. Similar to Philips Make-RC380B LED 36S-6500 G4 L60 W60 PSU OD with all fixing accessories as required including Dismantling of the Existing fixtures if required.	Each	18	3843.00	69174.00
<b>Total</b>					<b>264504.00</b>

