



OFFICE OF THE DEAN & PRINCIPAL
VEER SURENDRA SAI INSTITUTE OF MEDICAL SCIENCE & RESEARCH

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Tender Call Notice no..... / VSSIMSAR, Burla.

Date.....

TENDER CALL NOTICE

Sealed Tenders are hereby invited by the undersigned from the intending Parties/Reputed Manufacturer/Authorized Dealers/Contractors and registered firms for construction, supply and fixing of the following items in the VIMSAR, Burla so as to reach office of the undersigned by Regd. Post/Speed post / Courier Service only latest by **15th November 2017 at 4 p.m.** which will be opened on **16th November 2017 at 12.30 p.m.** The detail Technical Specification and other along with term and conditions, criteria, requirement of documents etc for participating in his Tender process are available in the institute Website www.vimsar.ac.in and Sambalpur District Website www.sambalpur.nic.in.

01. Construction Two Numbers of Synthetic Tennis Court.
02. Supply and Fixing of Lights in Tennis Court.
03. Supply and fixing of Vinyl Flooring in existing concrete based Indoor Badminton Court .
04. Supply and fixing of Synthetic court in existing concrete based Basket Ball Court .

Dean & Principal,
VSS Institute of Medical Science & Research, Burla.

Memo No.....5742..... / VSSIMSAR, Burla.

Date.....9/10/17.....

Copy to the Director, I&PR Department, Odisha, Bhubaneswar for information and necessary action with a request to take necessary steps for early publication of the above Tender Call Notice on or before 15/10/2017 in one Oriya and one English Daily.

Copy to District Website of Sambalpur for information and necessary action

Copy to college Website for information and necessary action.



Dean & Principal,

VSS Institute of Medical Science & Research, Burla.

TERM AND CONDITIONS OF THE TENDER CALL NOTICE NO.5741 /VSSIMSAR, DT,09/10/2017.

(Please read the Term & Condition carefully before filling the bid)

01. The Tender is invited in DOUBLE BID format. The Technical Bids and Price Bid may be submitted in separate sealed envelope along with all desired documents scribing "TENDER FOR..... " on the top of the envelop.
02. The cost of the project for **Construction of Two Numbers of Synthetic Tennis Court 53,00,000/-** (approx), **Supply & Fixing of Lights In Tennis Court is 15,87,000/-** (approx), **Supply & Fixing of Vinyl Flooring in Indoor Badminton Court is 3,54,000/-** (approx) and **Supply & Fixing of concrete based Synthetic Basket Ball Court is 2,25,000/-** (approx).
03. The tender documents may be downloaded from the website of the institution / District (www.vimsar.ac.in / www.sanbalpur.nic.in).
04. The company should have executed at least five similar type of works (Acrylic Synthetic Surface with asphalt base) for at least last financial year for the year ending 31st March 2017.
05. The Bidder must have completed 05 (five) similar type of works (Acrylic Synthetic Sports Surface, base work, fencing & electrical lighting & Vinyl Flooring) of work during last 2 years as on 30th September 2017.
06. The work certificate must be issued by the concerned user authority not below the rank of Executive Engineer / G.M. of corporation / public undertaking / Secretary of Tennis Association / Govt. Sports in charge.
07. The Bidder / Firm must have sufficient experience of making asphalt based tennis court.
08. The Bidder / Firm must be in possession of Valid **PAN No.**, Company Registration Certificate, Vat Clearance and valid EPF & ESIC Registration.
09. The Bidder / Firm should be free from any litigation / court cases and should not have been debarred from execution in last three years.
10. Proof authenticity of documents in the approved format.
11. The Bidder / Firm should be a dealer or distributor of ITF certified materials.
12. The Bidder / Firm should possess a valid Govt. (PWD or CPWD) licence (Engg).
13. Bidder are to note that since any Acrylic Synthetic Sports Surface, base work, fencing & electrical lighting require regular maintenance, interested parties are to ensure that a minimum 3 years of periodic maintenance is to be provided by them after the completion of the project failing which the security amount deducted from each running bill is liable to be forfeited.
14. Copy of valid GST Registration Certificate.
15. Copy of valid VAT Clearance Certificate.
16. Copy of valid IT PAN card
17. EMD @ 2% of estimated value of contract Rs.75,00,000=00
18. Successful Bidder have to deposit performance security of Rs.1,50,000=00 in shape of demand draft / fixed deposit receipt from a commercial bank to the undersigned. The amount of EMD is refundable unsuccessful Bidders on completion of tender process without any interest.
19. Guarantee :- The work & materials shall be guarantee for a period of one year from the date of completion of work. Parts found defective / not functioning during guarantee period, the contractor has to replace the defective parts or the equipments, without any extra cost. Any components required to be replaced within the guarantee period should be force new component.
20. Liquidated Damage :- If the work is not completed within the scheduled period, the Liquidated Damage shall be imposed @ ½ % per week of delay or part thereof subject to maximum up to 5% the total contract value. The imposition of Liquidated Damage is however subject to force majeure conditions.
21. The undersigned / committee reserve the right to accept in full or part or reject any or all the tenders without assigning any reason thereof.


Dean & Principal,

VSS Institute of Medical Science & Research, Burla.

TECHNICAL SPECIFICATIONS:-

01. Technical Specification for Construction Two Numbers of Synthetic Tennis Court of VSSIMSAR, Burla.

Sl.No	DETAILED WORK REQUIREMENT	UNI T	Nos	L	B	H	Qty.
01.	Civil Asphalt / Bitumen Base for 120ft x 120ft.						
	A. Excavation of all kind of soil at all lead & lift including moorum, hard soil, gravelly soil/sandy soil or slushy soil for foundation of Columns, Plinth beams, basement, trenches, under ground sump, septic tank etc. including shoring ,strutting, bailing out water/pumping out water if required, removing the surplus excavated earth as directed within the site as directed including cost of all materials, transportation, loading, unloading, labour, T & P. taxes, duties, levies, octroi, royalties etc complete as per direction Engineer in charge.						
	Tennis – 2 nos. 120ft x 120ft	Cum	1	36.58	36.58	0.075	100.36
	B. Loosening , levelling & Compacting original ground by using water at OMC & compacted by roller (desirable to arrive at uniform layer & desired density) additional anti termite treatment by appropriate methods including labour & materials, hire charges of machinery etc. complete as per direction of Engineer- in- Charge						
	Tennis – 2 nos. 120ft x 120ft	Sqm	1	36.58	36.58		1338.10
	C. Providing & laying granular sub base with close graded grading-III materials as per table 4000-01. Spreading in uniform layers with mortar grader on prepared surface mixing by mix in place method with rotavator at OMC & compacting with VRR to achieve desired density as per louse 401 of MORT & H specification of road & bridge work including cost of material, machinery, labour etc. complete as per direction of Engineer-In- Charge.						
	Tennis – 2 nos. 120ft x 120ft	Cum	1	36.58	36.58	0.1	133.81
	Triangular portion for Maintaining Slope 1 Inch Per 10Ft as per ITF Norms. Camber in Between Courts and Drainage to 2 Sides Drain	Cum	1	36.58	36.58	0.15	100.36
							234.17
	D. Providing, Laying, spreading & compacting graded stone aggregates to wet mix macadam specification, including premixing the material with water at OMC in mechanical mix plant, carriage to site.(Uniform layers & compacting to achieve desired density) including cost of material, labour, machinery, T&P etc. complete as per Direction of Engineer-in-Charge.						
	Tennis – 2 nos. 120ft x 120ft	Cum	1	36.58	36.58	0.15	200.71
	E. Providing & applying primer coat with Bitumen emulsion on prepared surface @0.60kg/sqm using mechanical means including cost of material, labour, machinery, T&P etc. complete as per Direction of Engineer-in-Charge.						
	Tennis – 2 nos. 120ft x 120ft	Sqm	1	36.58	36.58		1338.10
	F. Providing & laying Bituminous Macadam with batch type hot mix plant using crushed aggregates of specified grading premixed with Bituminous binder of 60/70 grade, transported to site, laid over a previously prepared surface manually to the required grade, level & alignment & rolled by road roller (8-10 ton capacity) to achieve the desired compaction including cost of material, labour, machinery, T&P etc. complete as per Direction of Engineer-in-Charge.						
	Tennis – 2 nos. 120ft x 120ft	Cum	1	36.58	36.58	0.05	66.90
	G. Providing & applying tack coat with Bitumen of 60/70 grade-emulsion over granular surface using emulsion 0.20 kg/Sqm including including cost of material, labour, machinery, T&P etc. complete as per Direction of Engineer-in-Charge.						
	Tennis – 2 nos. 120ft x 120ft	Sqm	1	36.58	36.58		1338.10
	H. Providing & laying semi dense bituminous concrete with batch type hot mix plant using crushed aggregates Grading – II(10 mm nominal size) premixed with bituminous binder of 60/70 penetration grade of Bitumen, transporting the hot mix to work site, laid over a previously prepared surface manually to the required grade, level & alignment & rolled by road roller (8-10 ton capacity) to achieve the desired compaction including cost of material, labour, machinery, T&P etc. complete as per Direction of Engineer-in-Charge.						
	Tennis – 2 nos. 120ft x 120ft	Cum	1	36.58	36.58	0.025	33.45
02.	Toe Wall						
	A. Excavation of all kind of soil at all lead & lift including moorum, hard soil, gravelly soil/sandy soil or slushy soil for foundation of Columns, Plinth beams, basement, trenches, under ground sump, septic tank etc. including shoring ,strutting, bailing out water/pumping out water if required, removing the surplus excavated earth as directed within the site as directed including cost of all materials, transportation, loading, unloading, labour, T & P. taxes, duties, levies, octroi, royalties etc complete as per direction Engineer in charge.						
	Tennis - 2nos. 120ft x 120 ft	Cum	1	109.7	0.35	0.3	11.52
	Practice wall	Cum	1	36.58	0.6	0.6	13.17
	B. Supplying and spreading sand of approved specification on compacted surfaces of earth dam or dykes for filter blanket and other horizontal filter zone to proper thickness including surface dressing within initial lead complete as directed by the Engineer-in-charge.						
	Tennis - 2nos. 120ft x 120 ft	Cum	1	109.7	0.35	0.1	3.84
	Practice wall	Cum	1	36.58	0.6	0.1	2.19

	C. PCC (1:3:6) in foundation using 40mm downgraded crusher broken metal in desired thickness and planarity, including cost of material, labour, machinery T&P etc. complete as per direction of Engineer-in-Charge.						
	Tennis - 2nos. 120ft x 120 ft	Cum	1	109.7	0.35	0.1	3.84
	Practice wall	Cum	1	36.58	0.6	0.1	2.19
	D. Fly ash brick masonry in cement mortar (1:6) (1 cement : 6 Sand) in foundation and plinth including cost of material, labour, machinery T&P etc. complete as per direction of Engineer-in-Charge.						
	Tennis - 2nos. 120ft x 120 ft	Cum	1	109.7	0.375	0.75	30.86
	Practice wall	Cum	1	36.58	0.5	0.4	7.32
	Practice Wall Above GL	Cum	1	36.58	0.375	3	41.15
	E. 12 mm thick plaster in cement mortar (1:6) (1 cement : 6 Sand) in foundation and plinth including cost of material, labour, T&P etc. complete as per direction of Engineer-in-Charge.						
	Tennis - 2nos. 120ft x 120 ft	Sqm	1	109.7	1.125		123.458
	Practice wall	Sqm	2	36.58	3.375		246.915
	F. 2 Coat of Weather Coat paint with 1 Coat of Primer including cost of material, labour, T&P etc. complete as per direction of Engineer-in-Charge. (Including wall of Drain Portion)						
	Tennis - 2nos. 120ft x 120 ft	Sqm	1	109.7	0.375		41.1525
	Practice wall	Sqm	2	36.58	3.375		246.915
03.	Drain (Two Long Side Walls)						
	A. Excavation of all kind of soil at all lead & lift including moorum, hard soil, gravelly soil/sandy soil or slushy soil for foundation of Columns, Plinth beams, basement, trenches, under ground sump, septic tank etc. including shoring ,strutting, bailing out water/pumping out water if required, removing the surplus excavated earth as directed within the site as directed including cost of all materials, transportation, loading, unloading, labour, T & P. taxes, duties, levies, octroi, royalties etc complete as per direction Engineer in charge.						
	Tennis - 2nos. 120ft x 120 ft	Cum	2	36.58	0.65	0.3	14.27
	B. Supplying and spreading sand of approved specification on compacted surfaces of earth dam or dykes for filter blanket and other horizontal filter zone to proper thickness including surface dressing within initial lead complete as directed by the Engineer-in-charge.						
	Tennis - 2nos. 120ft x 120 ft	Cum	2	36.58	0.65	0.1	4.76
	C. PCC (1:3:6) in foundation using 40mm downgraded crusher broken metal in desired thickness and planarity, including cost of material, labour, machinery T&P etc. complete as per direction of Engineer-in-Charge.						
	Tennis - 2nos. 120ft x 120 ft	Cum	2	36.58	0.65	0.1	4.76
	D. Fly ash brick masonry in cement mortar (1:6) (1 cement : 6 Sand) in foundation and plinth including cost of material, labour, machinery T&P etc. complete as per direction of Engineer-in-Charge.						
	Tennis - 2nos. 120ft x 120 ft	Cum	2	36.58	0.25	0.75	13.72
	E. 12 mm thick plaster in cement mortar (1:6) (1 cement : 6 Sand) in foundation and plinth including cost of material, labour, T&P etc. complete as per direction of Engineer-in-Charge.						
	Tennis - 2nos. 120ft x 120 ft	Sqm	2	36.58	1.125		82.31
	F. Iron Grating Cover For Drain using M.S angle and square bars, welding together and painting the MS surface with two coats of synthetic enamel paint over a coat of red oxide primer, including cost of material, paint, labour T&P etc. complete as per directions of engineer-in-charge						
	Tennis - 2nos. 120ft x 120 ft	Rmt	2	36.58			73.16
04.	ACRYLIC SYNTHETIC COURT: (9 layer System)						
	Providing& laying ITF approved Acrylic Synthetic Court for Tennis Court which includes two layers of Asphalt Re-surface, Water silica & sand & five layers of rubber cushion & rubber crumbs (coarse & Fine), one layer of filler colour coat with accumulation of colour concentration, silica & sand; one layer of top colour coat with white line marking as per ITF approved norms & terms including cost of all materials, labour, T&P etc. complete as per directions of engineer-in-charge.						
	Tennis - 2nos. 120ft x 120 ft	Sqm	1	36.58	36.58		1338.10
05.	FENCING:						
	Fencing the entire area using P.V.C Coated G.I Chain Link Jally of 8 SWG (2"x2") size fixed to M.S Angle iron post of size 75x75x6mm(Vertical Member) @ 3.05m C/C with stay of M.S angle 40x40x6mm @1.5m C/C tied with 40x6mm M.S flat in both directions (Horizontal and vertical) by means of fixing M.S nuts and bolts of approved size with two coats of enamel painting over a coat of primer to M.S members and earthwork (for vertical post and stay 0.45mx0.45mx0.60m), sand filling (for vertical post and stay 0.45mx0.45mx0.075m), Providing cement concrete(1:3:6, 40mm) (for Vertical post and stay 0.45mx0.45mx0.075m) and cement concrete(1:2:4, 12mm HGCB Chips) (for Vertical post and stay 0.45mx0.45mx0.45m) including cost of all materials, labour, welding, drilling holes, nut bolts, T&P etc. complete as per direction of Engineer in Charge.						
	Tennis - 2nos. 120ft x 120 ft (Only 3 Sides Fencing and 1 side Practice wall)	Sqm	1	36.58	36.58	3.05	334.71

06.	ACCESSORIES:						
	A. Supply and Fixing of ITF approved international standard pole and net. 1 Pair Each	Pair	2				
	B. Imported water pusher	No.	2				
	(Material: aluminium alloy, Colour: forest green, Spec: L890*W1380*H850mm, Round tube: ϕ 32*1.5mm) 1 No.						

1. Technical Specification of Supply & Fixing of Lights In Tennis Court of VSSIMSAR, Burla.

Sl.No.	Description	Qty.
1	Supply & drawing of 3c x 1.5 sq mm size FR PVC insulated, PVC sheathed copper conductor, cable ISI marked as approved, in existing light pole from junction box to LED light etc as required.	50 Mtrs.
2	Supplying and making end termination with brass compression gland and aluminium lugs for 3 core x 10 sq mm size of PVC insulated armoured and PVC sheathed aluminium conductor cable of 1.1 KV grade as required.	20 Nos.
3	Supplying and making end termination with brass compression gland and aluminium lugs for 4 core x 10 sq mm size of PVC insulated armoured and PVC sheathed aluminium conductor cable of 1.1 KV grade as required.	8 Nos.
4	Supplying and embedding 32mm dia G.I. pipe (medium class) in pole collar/ foundation (during casting) for cable entry including bending the pipe to the required shape complete as required.	10 Mtrs
5	Earthing with 40 mm dia G.I. Earth pipe 3 mtrs long, including all accessories, and providing masonry enclosure with PCC cover etc. with charcoal -64kg and salt -5kg complete as required.	6 Nos.
6	Providing and fixing 4 mm dia copper wire on surface or in recess for loop earthing with existing surface/cable etc as required.	300 Mtrs.
7	Supplying & installation, testing and commissioning of prewired flood light LED fitting of 170watt, 17000lumen output , having IP-66 protection (Philips, Nordux make, TEMPO LIGHT model No- BVP 410 LED 172 CW or any other equivalent reputed make ISI marked as approved) fixed directly on channel including connections with 1.5 sq mm PVC insulated, copper conductor etc as required.	32 Nos.
8	Design, supply and erection of ISI marked 9 mtr, IS 410:SP-30, weight-133 KG approx (without base plate) tubular pole in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required with square pipe on the top for fixing of flood light and complete with all respect as per the direction of Engineer in charge. a. Pole collar with cement concrete of a size of 30x30x30cm from ground level . b).M.S. base plate shall have to be welded to bottom portion of the pole. .c).The poles shall be coated with black bituminous paint up to 1mtr from the ground level . d).The other portion of the exterior part of the pole shall be painted with two coats of red oxide primer and finish paint (Aluminium paint). e) Canopy shaped plate shall be provided at the top of the pole with proper welding f.) supply and fixing of 1.2mtr long, 50mm*25mm*5mm channel MS frame on each pole to accommodate lights with clamping arrangement and other accessories. g). Poles shall be provided with earthing arrangement	6 Nos.
9	Supplying and fixing of weather proof cable end box 200 mm x 150 mm x 75 mm (or as approved) size out door type PVC box (Syntex make or equivalent) having three no 10 A rating SP MCB C-Series and a connector for cable connection to be used in the bottom of the light pole etc as required	8 Nos.
10	Supply & laying of one number PVC/XLPE insulated armoured and PVC sheathed power cable of 1.1 KV grade of following size on wall surface etc as required.	
a)	4C * 10sqmm armoured cable	100 Mtrs
11	Supply & laying of one number PVC/XLPE insulated armoured and PVC sheathed power cable of 1.1 KV grade of following size in the existing open duct as required.	
a)	3 C * 10sqmm armoured cable	150 Mtrs.
b)	4C * 10sqmm armoured cable	25 Mtrs.
12	Supply and laying of one number XLPE / PVC insulated armoured and PVC sheathed AL. conductor power cable of 1.1 KV grade of following size cables direct in ground (750mm) including excavation, sand cushioning, protective brick covering and railing the trench etc. as required.	
a)	3 C * 10sqmm armoured cable	120 Mtrs.
b)	4C * 10sqmm armoured cable	30 Mtrs.

13	<p>PANEL AND DISTRIBUTION BOARD (floor mounted, outdoor type, double door and double roof panel) Supply, installation, testing and commissioning of L.T out door floor mounted type distribution board of tentative size (0.7mtr x 0.7mtr) made out of 2mm thick CR sheet metal cubicle fixed on concrete foundation, duly acid treated for derusting, primered and painted with 2 coats of powder coating of approved shade. Dust, damp and vermin proof. The panel having hinged door and compartmental arrangement and bus bar chamber having provision of cable/conduit entry as per specification mentioned below duly factory wired conforming to the relevant IS including civil foundation work in site as per the direction of Engineer in charge</p> <p>Incoming : One numbers 32AMP FOUR POLE MCB with SIEMENS / c & s/ LEGRAND make or any other equivalent (A category) reputed make as approved.</p> <p>Outgoing 6 nos 10 amp , DP, C-series MCB Bus bar : 4 nos 19*5mm electrolytic copper strips LED type R-Y-B phase indicating lamps with HRC control fuses and one no of digital type 0-500v voltmeter.</p>	1 Set.
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2. Technical Specification of Supply & Fixing of Vinyl Flooring in Indoor Badminton Court of VSSIMSAR, Burla.

Sl.No.	Description	Qty.
01.	BWF Approved Vinyl Flooring of 6.8mm Thickness in Indoor Badminton Court (50' x 25') of VSSIMSAR, Burla	01
02.	White line marking as per International norm & terms.	01

2. Technical Specification of Supply & Fixing of concrete based Synthetic Basket Ball Court of VSSIMSAR, Burla.

Sl.No.	Description	Qty.
01.	Providing & Laying 3 Layer Acrylic Synthetic Court for Basket Ball which includes major patching. One layer of Concrete resurface, one layer of filler colour coat, one layer of top colour coat as per International norms and specification in existing concrete Basket Ball Court (107' x 60') of VSSIMSAR, Burla.	01
02.	White line marking as per International norm & terms.	01


 31/1/19
 Dean & Prindipal,

VSS Institute of Medical Science & Research, Burla.