



OFFICE OF THE DIRECTOR PLANNING & DEVELOPMENT DOW UNIVERSITY OF HEALTH SCIENCES

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No. DUHS/P&D/2016/8388

Dated: 31-10-2016

NOTICE INVITING TENDER

Sealed tenders from interested parties / firms / contractor meeting the eligibility criteria to participate as per SPPRA rules registered with Income Tax Department, Sindh Revenue Service Board, and Pakistan Engineering Council in appropriate category for following works.

S. No:	NAME OF WORK	ESTIMATE COST	2.5% EARNEST MONEY	TENDER / BID FEES (NON-REFUNDABLE)	COMPLETION PERIOD
1	Additional Work in "RIVA Water" at Ojha Campus	Quoted Rate	2.5% Bid Amount	2,000/-	12 Months

The Standing Bidders Documents will be issued from the date of publication in the press and upto 18-11-2016 at 01:00 P.M on payment of Tender Fee (Non-Refundable) and will be received back on 21-11-2016 at 10:30 AM and opened on same date at 11:00 AM in presence of contractor or authorized agents who intends to participate.

QUALIFICATION:

1. List of two similar assignment undertaken over last 3 years.
2. Details of equipment's, machineries and transport owned by firm / contractor.
3. Financial statement (Summary) Income Tax returns for last 3 years.
4. List of litigation (if any) and nature of litigation.
5. Affidavit that the firm has never been blacklisted.
6. Name, Qualification and Experiences of Technical Staff working with firm.

METHOD OF PROCUREMENT

Single stage, Single Envelope.

TERMS & CONDITIONS:

1. No conditional telegraphic bid / tender will be accepted.
2. Bid not accompanied by bid security of required amount will not be accepted.
3. Bid received after specified time & date will not be accepted.
4. Blacklisted Firms.


ADDITIONAL DIRECTOR

Planning & Development Department,
Dow University of Health Sciences, Karachi



**OFFICE OF THE REGISTRAR
DOW UNIVERSITY OF HEALTH SCIENCES,
KARACHI**

Acting Registrar
Prof. Shaikh Nadeem Ahmed
MBBS, M. Phil

**Baba-e-Urdu Road
Karachi -74200 Pakistan**
Phone: 021-9215754-7
Facsimile: 021-2745826

Ref No. DUHS/REG/2016/10-234

Date: October 27, 2016

OFFICE ORDER

The Competent Authority, Dow University of Health Sciences is pleased to constitute the complaint Redressal Standard Committee comprising of the following officers to address complaints regarding all procurement issues in the University in pursuance of Clause 31(1) of the SPPRA Rules & Regulations, the members of the committee are:

S.NO	NAME OF MEMBERS	DESIGNATION
1.	MUHAMMAD ALAMGIR Additional Director (Technical), DUHS, Karachi	Convener
2.	SYED SHAFQAT HUSSAIN Director Procurement, DUHS, Karachi	Member
3.	ENGR. SADIA JABEEN ASIM LEJ Campus	Member

ACTING REGISTRAR
Dow University of Health Sciences
Karachi

CC to:

1. The PS to Vice Chancellor, Dow University of Health Sciences, Karachi.
2. All above members.
3. Office File.



**OFFICE OF THE REGISTRAR
DOW UNIVERSITY OF HEALTH SCIENCES,
KARACHI**

Acting Registrar
Prof. Shaikh Nadeem Ahmed
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Karachi -74200 Pakistan
Phone: 021-9215754-7
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Ref No. DUHS/REG/2016/10-235

Date: October 27, 2016

OFFICE ORDER

The University Administration has constituted the Procurement Committee comprising of the following officers for Construction, Renovation and Rehabilitation of Work and Services.

S.NO	NAME OF MEMBERS	DESIGNATION
1.	ENGR. BARKAT ALI RAJPUT Director, Planning & Development, DUHS, Karachi	Convener
2.	ENGR. MUHAMMAD BACHAL BIRMANI Senior Executive Engineer, DUHS, Karachi	Member
3.	ENGR. WASIMUDDIN Director (Services) NED University of Engineering & Technology, Karachi	Member

ACTING REGISTRAR
Dow University of Health Sciences
Karachi

CC to:

1. The PS to Vice Chancellor, Dow University of Health Sciences, Karachi.
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**DOW UNIVERSITY OF HEALTH
SCIENCES, KARACHI**



TENDER DOCUMENT

TITLE OF THE JOB

**ADDITIONAL BLOCK FOR "RIVA
WATER" AT OJHA CAMPUS KARACHI**

DOW UNIVERSITY OF HEALTH SCIENCES, KARACHI
DIRECTORATE OF PLANNING & DEVELOPMENT

To,

THE ADDITIONAL DIRECTOR
Planning & Development,
Dow University of Health Sciences, Karachi.

**SUBJECT: ADDITIONAL BLOCK FOR "RIVA WATER" AT OJHA CAMPUS
KARACHI**

1. Having examined the instructions to the tenderers, drawings, conditions of contract (General Condition and the conditions of the particular application), and specifications, bill of quantities and having visited and inspected the site of the above named works. I/We the undersigned offer to carryout, complete the above works/supplies in conformity with the said instructions to tenders; condition of work order/contract, specifications, bill of quantities, for the following sums or such other sum as may be ascertained in accordance with said conditions.

Rs. _____ /-

(Rupees _____)

2. We undertake if my/our tender is accepted to commence the works within one week of recognized of the work order.
3. We agree to abide by this tender for a period of 60 days from the date of opening the sum and it shall remain binding upon us and may accepted at any time before the expiration of the said period of 60 days.
4. I/We understand that you are not bound to accept the lowest or any tender you may receive and you may reject any or all tenders without assigning any reason.

Signature of Contractor / Seal of Firm
Authorized representative of Firm

APPENDIX TO FORM OF TENDER


- Earnest Money in shape of Pay order 2.5 % of the Bid Price
- Period of Commencement 07 Days after issuing of work order
- Time of Completion -----
- Amount of liquidated damages 0.1 % of the contract amount per day for the work remains un-commenced and un-completed after due date up to maximum of 5% and after that termination of contract after 07 days notice
- Period of Maintenance 03 Months after Completion Certificate
- Percentage of retention 3 % from each running bill
- Retention money retained during Maintenance period 5% (3% Security Deposit + 2% Earnest Money)
- Contractor's address for serving the notice -----
- Persons of bodies corporate forming
- Partnership or Company -----

Signature of Contractor / Seal of Firm
Authorized representative of Firm

INSTRUCTIONS TO TENDERS

- a) Additional Director Planning & Development, Dow University of Health Sciences, calls tenders for the **“ADDITIONAL BLOCK FOR “RIVA WATER” AT OJHA CAMPUS, DUHS KARACHI”** with the bill of quantities attached here to be submitted by or before 01:00 P.M on 18-11-2016. Tenders cost will not be reimbursed for any cost of any kind whatsoever incurred in connection with the preparations and submission of their tenders.
- b) The tender for the each work should be in the sealed envelope bearing name of the work / contractor / firm clearly marked and addressed to Additional Director Planning & Development, Dow Unievrsty of Health Sciences, Karachi.
- c) The tender may be delivered in person or sent by registered mail so as to reach on or before the date and time stated above. Any tender received after the stipulated time will not be considered regardless of the cause of delay.
- d) All tender are invited to the present for the opening of the tender in 21-11-2016 at 10:30 A.M. The name of each tenderer and his total contract price only will be read aloud and recorded.
- e) Any tender/tenders without earnest money will not be entertained. Earnest money of the awarding firm may be return after successful completion of work. If the supplier fails to commence or complete the awarded work within the stipulated time his/her work order will be cancelled as per rule and earnest money shall also be forfeited.
- f) Detailed particulars of the work / works can be seen in the Additional Director Office on any working day during the office hours.
- g) Tender shall be made in the form supplied therefore, with all items and blanks properly filled in. all data and figures and the signature of persons signing the tender shall be in ink. The completed BOQ should be without interlineations, alterations or erasures but if these are necessary to correct errors made by the tenderer, person(s) signing the tender shall initial them. Conditional tenders will not accepted.
- h) All unit prices filled in the schedule of quantities shall be firm. The unit prices against each item of work and estimate amount and all other data called for shall be given.
- i) All prices quoted shall be deemed to include all costs of performing the works, including labour, material, income tax, duties, octori charges, royalties permit etc. and no claim whatsoever shall be accepted in case of escalation any or all prices entered in rate of bid.
- j) The actual sum to be paid to the contractor whose tender is accepted shall be determined by measuring the work actually done or supplying/repairing the actual number of items in accordance with the work order and valuing it al the rate or prices by the contractor in the tender.
- k) “Incase of discrepancy between the unit price and amount entered for any item in the schedule of quantities, the unit price will be taken as correct and the amount will be adjusted accordingly when the tender is being examined”.
- l) 10 % security deposit will be deducted from each bill on the paid amount of the contract, which will be returned after maintenance period of 03 months.
- m) The tender must be signed in each and every page by a person(s) authorized to do so.

- n) The site can be visited on any working day during the office hours.
- o) "Engineer" means the Additional Director Planning & Development of the University or any other Engineer appointed by him.
- p) The earnest money will be forfeited in case the contractor fails to commence the work within 10 days time after issue of work order or left the work incomplete after commencement and during execution.
- q) The Competent Authority reserve the right to reject any or all the tenders, increase or decrease the scope of work or divide item of work among bidders.
- r) That the Contractor shall be responsible to keep in good condition the premises of the University and shall not damage any property belonging to student of the University and incase of any loss damage caused by the contractors or its employee to any property of the compensate and or indemnify the university or the student as the case may be.


ADDITIONAL DIRECTOR
Planning & Development Department
Dow University of Health Sciences, Karachi

DOW UNIVERSITY OF HEALTH SCIENCES, KARACHI
DIRECTORATE OF PLANNING & DEVELOPMENT

TERMS & CONDITIONS

1. The work / supply is required within 12 Months from the date of letter of award.
2. Inspection: *Nominated Inspection Committee will make Inspection of Work.*
3. In case of late delivery @ 0.1% per day will be charged on bid amount deducted from the bill, but not more than 10% of contract value.
4. Quantities shown in the quotation are approximate and no claim shall be entertained for quantities of executed being 30% more or less than those entered in the BOQ.
5. All prices will include all costs of performing the works including labour, material, Income Tax, GST, Octroi Charges, royalties & transportation etc., as mentioned in BOQ.
6. No subletting of all or any part of work will be allowed at any cost / reasons.
7. The supplier will see the site / sample before quoting the rates.
8. Store will be delivered at Dow University of Health Sciences, Karachi.
9. Central Stores and Inspection Officer will issue inspection certificate after inspection through Inspection Committee.
10. If the work / supply is not found according to the specification and samples provided, will be rejected at risk and cost of the manufacturer and in case the manufacturer fails to work / supply the order, the firm will be black listed.
11. Payments:
 - 11.1 The Actual sum to be paid shall be determined by quantifying / measurements of items actually supplied valuing it at the rates/prices quoted in the approved quotations.
 - 11.2 10% security deposit will be retained from each bill upto a period of six months from the date of supply of order.
 - 11.3 Part payment against part supply can be allowed.
12. Request letter for issuance of tender documents should be supported with:
 - a. Copy of GST, SST & NTN registration Certificate and PEC Registration minimum in Class-C3.
 - b. Undertaking on non-judicial stamp paper of Rs. 100 certifying the supplier(s) is/ are not temporarily or permanently debarred from any Govt. Agency / Authority / Department (without bearing any responsibility on DUHS whatsoever in this regards).
 - c. Copies of all relevant Certificate/Authorization letter must be attached (where required) mentioned with Tender Enquiry.


ADDITIONAL DIRECTOR
Planning & Development Department
Dow University of Health Sciences, Karachi

ABSTRACT OF COST
ADDITIONAL BLOCK FOR "RIVA WATER" AT OJHA CAMPUS

Sr.#	Description	Unit	Quantity	Rate	Total
<u>CIVIL WORK</u>					
1	Excavation in foundation in all kinds of soils, dry or wet, hard or soft, upto required depth including all operations of dewatering at site clearing and backfilling or filling the excavated material to specified depth to any lead within site, complete with breaking clods, leveling, dressing, watering and compaction.	P.Cft	13,000.00		
2	Filling earth obtained from outside source or exterior and filling the same in under floor , i/c breaking clods, dressing, watering & consolidating by ramming in layers not exceeding 6" in depth to obtained 95% modified AASHTO density i/c all lead & lift complete as per drawing, specification and approval of Engineer.	P.Cft	83,000.00		
3	P/L stone soling 6" size of approved quarry i/c hand packing & filling voids with sprawls & chips, consolidating & compacting with power or hand roller, complete as per direction of Engineer.	P.Sft	19,800.00		
4	Providing and applying termite proofing treatment using approved anti termite chemicals obtained in sealed containers from approved sources and pressure sprayed in or on earth or wood (pressure of 50 PSI for earth and 20 PSI for wood) as per specifications and approval of Engineer.	P.Sft	19,800.00		
5	P/A Water Proof Membrane Koream P.E Canves Sheet on Earth Filling in Bed As Per Specification & Instruction of Engineer Incharge	P.Sft	21,000.00		
6	Providing and laying plain cement concrete class 'E' 1:4:8 in foundation & situ using 1" maximum size graded crushed aggregate or gravel of approved quality with local sand of approved quality including form work, roding, vibrating, compacting, leveling and curing etc. complete.	P.Cft	8,030.00		
7	Providing and laying plain cement concrete class 'D' 1:3:6 cast in situ in floors, in foundations, under walls etc, using 1" maximum size graded crushed aggregate or gravel of approved quality with local sand of approved quality including , roding, vibrating, compacting, leveling and curing etc. complete.	P.Cft	2,100.00		
8	Errection and removal of centering for C.C plain cement concrete works of partal wood Vertical.	P.Sft	5,600.00		
9	P/A 2 coat of Bituminous to c.c or cement plaster surface.	P.Sft	7,800.00		

ABSTRACT OF COST
ADDITIONAL BLOCK FOR "RIVA WATER" AT OJHA CAMPUS

Sr.#	Description	Unit	Quantity	Rate	Total
10	P/L RCC class 'B' 1:1-1/2:3 batching plant concrete strength not less than 4000 Psi including, roding, viberating, compecting, leveling and curing etc complete. Column in Super Structure	Cft	1,020.00		
11	P/L RCC class 'C' 1:2:4 batching plant concrete strength not less than 3000 Psi including, roding, viberating, compecting, leveling and curing etc complete. Foundation & SOG Slab Plinth Beam, Lintals & Trunches	Cft Cft	11,600.00 1,950.00		
12	Providing fabricating and laying Ribbed bars grade 60 steel reinforcement bars including cutting, bending, binding with G.I binding wire of 18 gauge including cost of CC spacers complete as per drawings specifications and approval of the Engineer. Ribbed Bar	Ton	23.00		
13	P/L 1:3:6 cement concrete hollow block masonry of any thickness using graded screened Bajri 1/2 inch (13mm) and down gauge set in cement mortar 1:6 i/c scaffolding raking out joints and curing etc complete in superstructure. 6" Thick	Cft	3,300.00		
14	P/l C.C. class 'D' 1:3:6 Solid Block masonry of strength not less than 1000 Psi specified thickness upto any height set in 1:4 cement sand mortar including all required scaffolding, raking out and cleaning of joints and curing etc. complete. 6" Thick 4" Thick	Cft Cft	650.00 125.00		
15	Providing and fixing Hallow Metal Door Frame including filling cc 1:2:4, hinges & coat of red oxide etc complete. b. 2"x7.5"	Rft	75.00		
16	Applying floating coat of cement 1/32"thick.	Sft	17,800.00		
17	P/A 1/2' thick internal cement plaster to walls, columns, beams, ceiling, soffits of beams and chajjas and wherever required with cement mortar 1:5 (one part of cement five part of sand) including all corners, recesses, jambs and raking out joints of masonry, roughing the surface , all finished smooth, curing etc. complete with rounding of corners at junctions as specified, including all scaffolding. Internal Walls	Sft	6,500.00		

ABSTRACT OF COST
ADDITIONAL BLOCK FOR "RIVA WATER" AT OJHA CAMPUS

Sr.#	Description	Unit	Quantity	Rate	Total
18	P/A 3/8' thick internal cement plaster to walls, columns, beams, ceiling, soffits of beams and chajjas and wherever required with cement mortar 1:4 (one part of cement four part of sand) including all corners, recesses, jambs and raking out joints of masonry, roughing the surface, all finished smooth, curing etc. complete with rounding of corners at junctions as specified, including all scaffolding. Internal Walls	Sft	6,500.00		
19	P/A 3/4' thick external cement plaster to walls, columns, beams and chajjas and wherever required with cement mortar 1:4 (one part of cement four part of sand) including all corners, recesses, jambs and raking out joints of masonry, roughing the surface, all finished smooth, curing etc. complete with rounding of corners at junctions as specified, including all scaffolding. External Walls	Sft	9,950.00		
20	P/A color crete ¼" thick (1:1:2) with white cement mixed with pigment one white cement, one marble powder and two marble chip (zero number) over a prepared base of ¾" thick cement plaster 1:4 finishing, curing and providing horizontal and vertical grooves at required distance, complete.	Sft	9,500.00		
21	P/L Full body Porcelain Tile floor, Dado & skirting of approved shade and size laid in C.M 1:3 including filling the joints with cement slurry of matching colour, curing washing and cleaning etc complete.	Sft	19,800.00		
22	P/A Matt Finish paint of ICI/Berger Robbilaic on internal surface 3 coats including preparation of surfaces, sand papering etc. complete.	Sft	6,500.00		
23	P/A weather shield paint of ICI/Berger Robbilaic on external surface 3 coats including preparation of surfaces, sand papering etc. complete .	Sft	500.00		
24	P/L C.C cement concrete 1:2:4 under floor including surface finishing etc complete.	Cft	1,800.00		
25	P/F 1-1/2"th best quality teak ply veineer solid core door shutters of sterlling product including glass pannel 2' high at top glazed with 2mm thnck glass of approved colour including all necessary hardware etc complete.	Sft	110.00		
26	Preparing surface and applying leaker polish of approved shade and colour i/c hardner.	Sft	250.00		

ABSTRACT OF COST
ADDITIONAL BLOCK FOR "RIVA WATER" AT OJHA CAMPUS

Sr.#	Description	Unit	Quantity	Rate	Total
27	P/F Lipping as per Oak ply shutters as per thickness of shutter including hardware, polish finish etc complete.	Rft	80.00		
28	P/F Oak wood Picture railing including sprite polish nails, glue etc complete. 2.5 thick	Sft	100.00		
29	Providing and fixing door locks imported as approval by the Engineer. (a) Type 1	Nos.	2.00		
30	P/F Tower Bolt i/c nuts, bolts, screw etc complete as approved by the Engineer. (a) 24" Long	Nos.	4.00		
31	P/A waterproofing for trunches.	Sft	580.00		
32	Providing and fixing steel door shutter fabricated from M.S tee, angles and M.S flat covered with 18 guage M.S sheet welding the sections including locking arrangement and handle cutting and making good the damaged walls, i/c painting three coats of approved enamel paint over a coat of red oxide as per drawing and approval of Engineer.	Sft	110.00		
33	Making & Supplying Grating 1.5"x 1.5" flate bar with framing & hinges etc complete.	Sft	100.00		
34	P/F in position 2' dia. Stainless steel staircase a railing 3 feet high, comprising 2" dia. Stainless steel horizontal pipe hand rail & 4" dia master pillar Stainless steel vertical posts at specified intervals, including cost of all fittings, embedding the railing in RCC work by means of M.S. plates welded with vertical posts and secured with bolts and nuts complete.	P.Rft	60.00		
35	P/L lasbella Stone flush with plaster in dado/facing or approved shade/colour, over 3/4' thick base plaster in 1:4 cemet martor, filling the joint with cement sullery to make the colour of the stone, curing washing and cleaning etc complete.	P.Sft	1,450.00		
36	P/L decorative stone nosing (Gola) top border long flush with plaster in dado/facing of approved shade/colour, over 3/4' thick base plaster in 1:4 cemet martor, filling the joint with cement sullery to make the colour of the stone, curing washing and cleaning etc complete.	P.Rft	600.00		
37	S/F Aluminum windows and ventilators (as per D.I-23)	Sft	1,008.00		

ABSTRACT OF COST
ADDITIONAL BLOCK FOR "RIVA WATER" AT OJHA CAMPUS

Sr.#	Description	Unit	Quantity	Rate	Total
38	Supplying & installation of framed technology roof high quality European standard polyurethane injected sandwich pannel. Outer and inner skin is pre painted food graded sheet. PU have density of 42kg/m ³ and K value of 0.023W/m ² K. Top cladding 0.5mm thick corrugated and bottom cladding 0.5mm thick flate, i/c all primary steel structure hot roll coated with epoxy primer & secondary steel are made of pre galvanized steel coils, filling joints with chemical, self drilling screws including hot dip galvanized anchor bolts for rigid frames, end wall posts, eave gutters & downspouts on sidewalls with all necessary flashing & trims & connection bolts sheeting fasteners & bead mastics.	Sft	20,500.00		
Sub Total - I					

ABSTRACT OF COST
ADDITIONAL BLOCK FOR "RIVA WATER" AT OJHA CAMPUS

Sr.#	Description	Unit	Quantity	Rate	Total
PLUMBING WORK					
1	Providing and laying unplasticized polyvinyl chloride (UPVC) Class D Pipes and fittings for soil, waste, and ventilating pipes as specifications and drawings complete in all respect and as approved by the Engineer.				
a.	75 mm	Rft	50.00		
b.	110 mm	Rft	2,000.00		
2	P/F Floor Trap UPVC imported making requisite no of holes in valves plinth and floor including S.S cover.	Nos.	12.00		
3	P/F Upvc "Y" tee including solution etc complete				
	4" Dia	Nos.	5.00		
	3" Dia	Nos.	2.00		
4	P/F Upvc Bend 45° including solution etc complete				
	4" Dia	Nos.	8.00		
	3" Dia	Nos.	3.00		
5	P/F Upvc Bend 90° including solution etc complete				
	4" Dia	Nos.	12.00		
	3" Dia	Nos.	3.00		
6	P/F Upvc socket including solution etc complete				
	4" Dia	Nos.	65.00		
	3" Dia	Nos.	5.00		
7	P/F Upvc Plug T including solution etc complete				
	4" Dia	Nos.	3.00		
	3" Dia	Nos.	2.00		
8	P/F Upvc Plain T including solution etc complete				
	4" Dia	Nos.	4.00		
	3" Dia	Nos.	2.00		
Sub Total - II					

ABSTRACT OF COST
ADDITIONAL BLOCK FOR "RIVA WATER" AT OJHA CAMPUS

Sr.#	Description	Unit	Quantity	Rate	Total
ELECTRIC WORK					
DISTRIBUTION BOARDS					
1	Supply , Installation , testing & commissioning of Distribution Boards.				
a.	MDB	No.	1.00		
b.	LDB	No.	1.00		
c.	PDB	No.	1.00		
2	CIRCUIT WIRING, POINT WIRING & WIRING				
2.1	Supply , Installation , testing & commissioning circuit wiring from DB to switch board including wiring between switch on the same circuit with I-C PVC insulated wires 2x2.5 sq.mm +1x2.5 sq.mm .as ECC in 25 mm dia PVC conduit concealed in wall column / ceiling , etc including conduite accessories complete in all respect.	Nos.	12.00		
2.2	Supply, installation testing & commissioning of wiring for light point from switch board to point with 3x1.5sqmm wires in 20 mm dia PVC conduit complete in all respect .	Nos.	62.00		
2.3	Supply , installation testing & commissioning of wiring for light point to point with 3x1.5 sq .mm .wires in 20mm dia PVC conduit , complete in all respect.	Nos.	20.00		
2.4	Supply , Installation , testing & commissioning circuit wiring for 16A/ 15A outlet with 2 Nos .4sq .mm. +ECC 2.5sq.mm. Single core PVC insulated wires from DB to outlet in 25mm dia PVC conduit rcessed in wall column , ceiling , etc ,complete with all conduit accessories as per drawings and specification.				
(a)	DB to outlet	Nos.	15.00		
(b)	Outlet to outlet .	Nos.	30.00		
2.5	Supply, Installation & commissioning of wiring for split unit with 2nos. 6.0sqmm + ECC 2.5sqmm S/c PVC insulated wires in 25mm dia conduit.	Nos.	15.00		
3	LIGHTING FIXTURES & FANS:				
3.1	Supply , installation and testing of following light fixture with all necessary accessories such as polyester filled chokes, starters , lamps, starters holders, capacitor for power factor correction as required complete in all respect.				
a.	Dust proof Light 2 x 28W (Pacific Type)	Nos	40.00		

ABSTRACT OF COST
ADDITIONAL BLOCK FOR "RIVA WATER" AT OJHA CAMPUS

Sr.#	Description	Unit	Quantity	Rate	Total
3.2	Supply & Installation of 56" dia ceiling fan of approved quality & made by Engineer Incharge.	Nos.	42.00		
4	SWITCHES AND SOCKETS:				
4.1	Supply , installation termination and commissioning of following 5/15 Amps one-way gang type switches. sockets including 16SWG sheet steel powder coated back boxes , recessed on wall .				
a.	One switch unit	Nos.	3.00		
b.	Two switch unit	Nos.	5.00		
c.	Three switch unit	Nos.	5.00		
d.	Four switch unit	Nos.	4.00		
e.	Fan Dimmer	Nos.	42.00		
f.	5 A 3pin switch socket outlet	Nos.	45.00		
5	MAIN CABLES				
5.1	Supply, Installtion, testing commissioning of armoured/ un armoured cable in already laid PVC conduit/cable trunchas drawing & specification				
a.	4C 185sqmm PVC/SWA/PVC Cable + ECC 95sqmm Single Core Pvc Cable	Rft	200.00		
b.	4C 6sqmm PVC/PVC Cable for Bottle Unscrambler	Rft	320.00		
c.	4C, 16sqmm PVC/PVC Cable for Air Channel	Rft	250.00		
d.	4C, 10sqmm PVC/PVC Cable for Three in one Machine	Rft	350.00		
e.	4C, 6sqmm PVC/PVC Cable for Online Cap Sterilizer	Rft	450.00		
f.	4C, 6sqmm PVC/PVC Cable for Cap Elevator	Rft	210.00		
g.	4C, 10sqmm PVC/PVC Cable for Blow Drying Machine	Rft	250.00		
h.	4C, 4sqmm PVC/PVC Cable for Light Inspection	Rft	350.00		
i.	4C, 25sqmm PVC/PVC Cable for Automatic Shrink Sleeve Machine	Rft	250.00		
j.	4C, 10sqmm PVC/PVC Cable for Linear OPP Hot Melt Labeling Machine	Rft	350.00		
k.	4C, 4sqmm PVC/PVC Cable for Data Code Sprayer	Rft	150.00		
l.	4C, 25sqmm PVC/PVC Cable for Automatic Film Shrink Packing Machine	Rft	150.00		

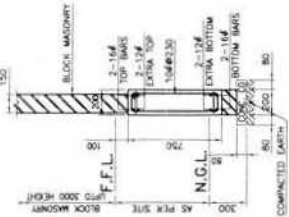
ABSTRACT OF COST
ADDITIONAL BLOCK FOR "RIVA WATER" AT OJHA CAMPUS

Sr.#	Description	Unit	Quantity	Rate	Total
m.	4C, 6sqmm PVC/PVC Cable for Three In One Monoblock Machine	Rft	175.00		
n.	4C, 6sqmm PVC/PVC Cable for Cap Elevator	Rft	250.00		
o.	4C, 10sqmm PVC/PVC Cable for Blow Drying Machine	Rft	250.00		
p.	4C, 4sqmm PVC Cable for Light Inspection	Rft	350.00		
q.	4C, 4sqmm PVC Cable for Self Adhesive Labeling Machine	Rft	150.00		
r.	4C, 25sqmm PVC/PVC Cable for Automatic Shrink Sleeve Machine	Rft	150.00		
s.	4C, 4sqmm PVC/PVC Cable for Data Code Sprayer	Rft	350.00		
7	CONDUIT & Cable Tray:				
7.1	Supply & installation of following sizes of Pvc conduit including accessories such as bend, socket etc.				
a.	75mm dia	Rft	200.00		
b.	50mm dia	Rft	220.00		
c.	38mm dia	Rft	220.00		
7.2	Supply and installation of 300mm x 200mm 16 SWG G.I Cable Tray.	Rft	760.00		
				Sub Total - III	
				Total (I+II+III)	

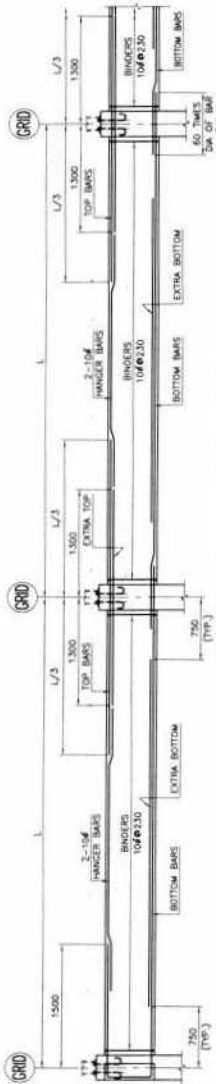
Signature of Contractor with Seal Stamp

SCHEDULE OF FOOTINGS

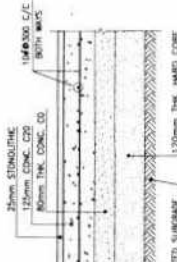
FOOTING TYPE	DIMENSIONS				BAR MARK 101	BAR MARK 102
	A	B	C	D		
F1	1000	1000	150	150	8-10#	8-10#
F2	1200	1200	150	150	12-10#	11-10#
F3	1500	1500	200	200	12-12#	14-10#



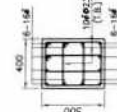
TYP. SECTION OF PLINTH BEAM
SCALE 1:30



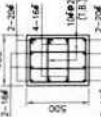
TYPICAL ELEVATION PLINTH BEAM
SCALE 1:30



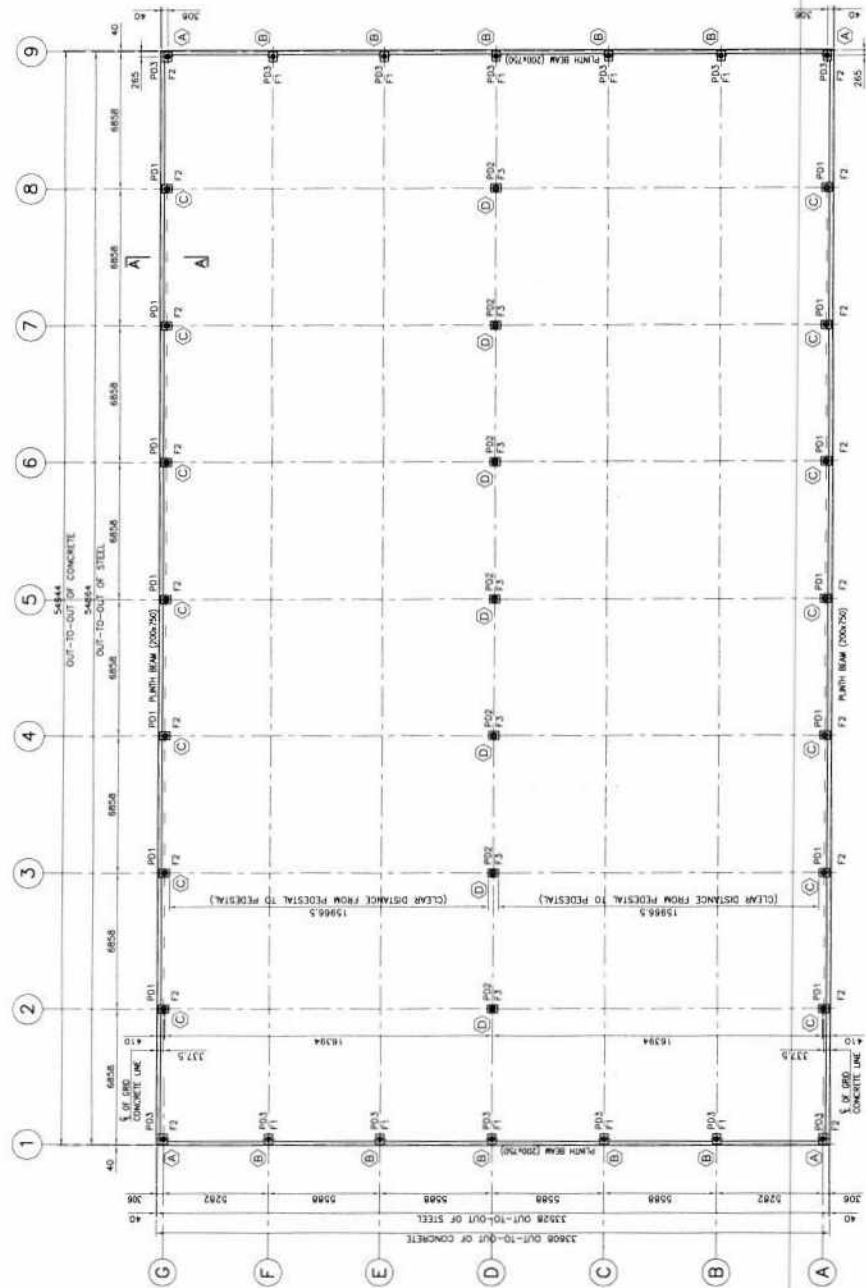
TYP. FLOORING DETAIL
SCALE 1:10



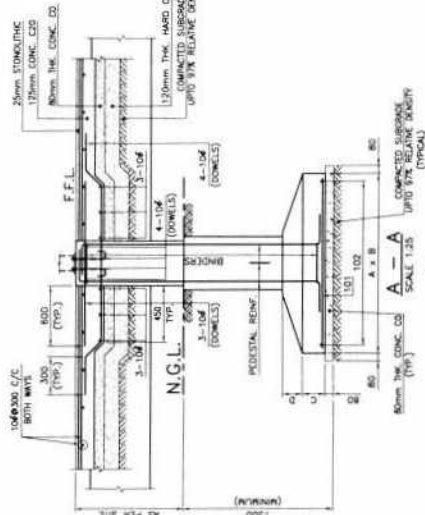
PEDESTAL PD1
SCALE 1:20



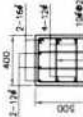
PEDESTAL PD2
SCALE 1:20



FOUNDATION LAYOUT PLAN



TYP. COLUMN FOOTING
TYPE-I
SCALE 1:25

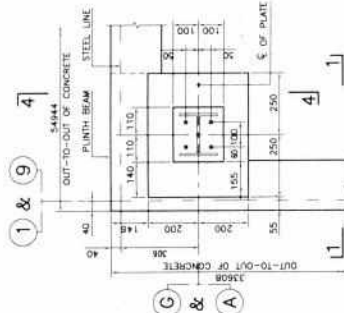


PEDESTAL PD3
SCALE 1:20

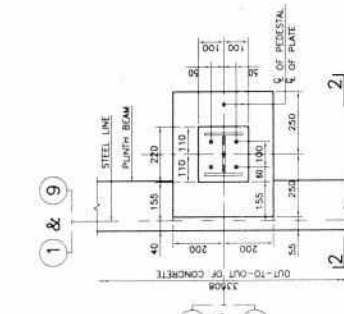
NOTES:—
1. FOR GENERAL NOTES REFER DRAWING NO. 2016-004/202
2. BORED PILING WORKS TO BE COMPLETED BY STEEL SUPPLIER BEFORE EXCAVATION.
3. FOR SECTION A-A REFER DWG. NO. 2016-004/202.

REV. NO.	DESCRIPTION	DATE	SIGN.
1	DRAWING REVISED AS PER CLIENT COMMENTS	18-10-2016	
0	ISSUED FOR CONSTRUCTION	16-06-2016	

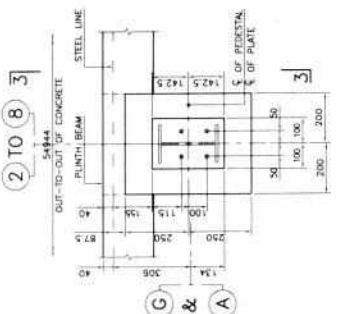
JOB NO.	DUHS 04
DATE	2016-004
FOUNDATION LAYOUT PLAN AND DETAILS	
DWG. NO.	201
REV.	1



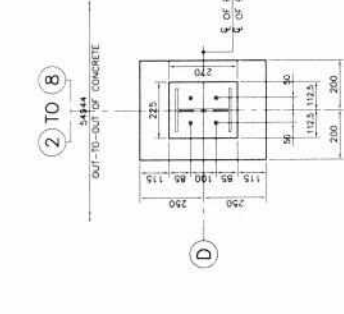
DETAIL-A
(PEDESTAL PS-3)
(10 NOS.)



DETAIL-B
(PEDESTAL PS-3)
(10 NOS.)



DETAIL-C
(PEDESTAL PS-1)
(14 NOS.)



DETAIL-D
(PEDESTAL PS-2)
(7 NOS.)



1 & 9

1 & 9

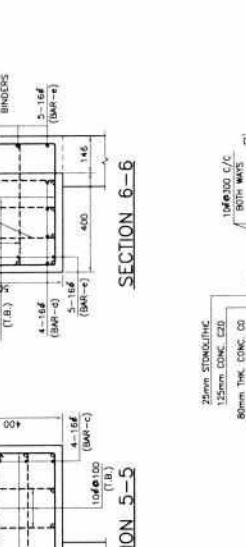
A & G

1 & 9

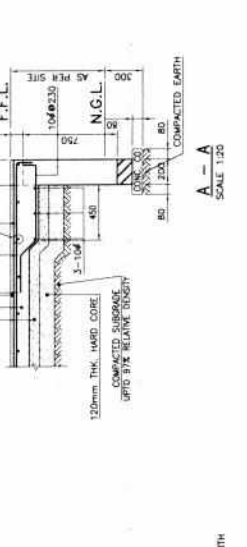
A & G



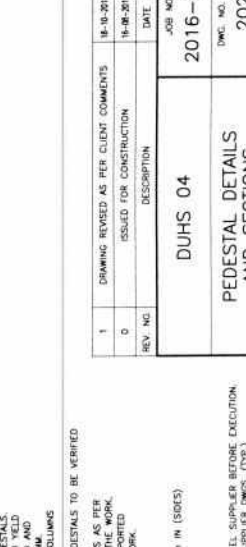
SECTION 1-1



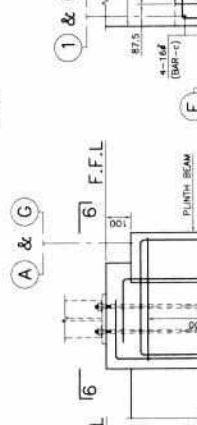
SECTION 2-2



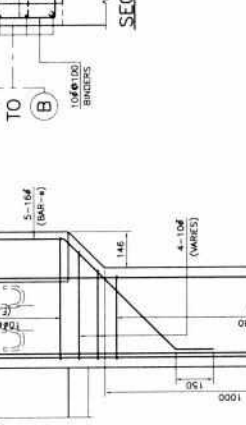
SECTION 3-3



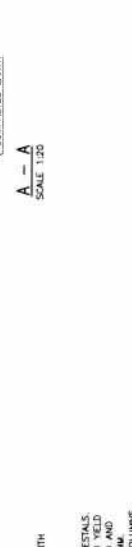
SECTION 4-4



SECTION 5-5



SECTION 6-6



A - A
SCALE 1:20

NOTES:
 1. ALL DIMENSIONS MUST BE READ IN CONJUNCTION WITH STEEL FRAME DRAWINGS.
 2. ALL BLINDING CONCRETE IS TO BE OF TYPE C20.
 3. REINFORCEMENT SHALL BE IN ACCORDANCE WITH S.B. CODE.
 4. REINFORCEMENT STEEL MARKED # SHALL BE HIGH YIELD DEFORMED STEEL BARS CONFORMING TO S.B. 848 AND S.B. 849.
 5. ANCHOR BOLTS TO BE EMBEDDED IN PEDESTAL COLLARS AS SHOWN IN STEEL SUPPLIER'S DRAWINGS.
 6. ALL STEEL SUPPLIERS TO EXAMINE & PEDESTALS TO BE VERIFIED BY STEEL SUPPLIER PRIOR TO EXECUTION.
 7. CONTRACTOR TO CHECK & VERIFY ALL DIMENSIONS AS PER KEY PLAN/FOUNDATION LAYOUT PRIOR TO START THE WORK.
 8. ALL DIMENSIONS TO BE AS SHOWN UNLESS OTHERWISE SPECIFIED.
 9. COVER TO REINFORCEMENT TO BE :
 - 40mm IN PEDESTALS.
 - 40mm IN BEAMS (TOP & BOTTOM) AND 25mm IN (SIDES).
 10. UNLESS OTHERWISE STATED REINFORCEMENT IS TO BE IN ACCORDANCE WITH S.B. 848 AND S.B. 849.
 11. T.B. STANDS FOR TRAPLE BINDERS.
 12. BEARING CAPACITY OF SOIL = 2.5 TSF.
 13. ALL DIMENSIONS TO BE AS SHOWN UNLESS OTHERWISE SPECIFIED.
 14. FOR ANCHOR ROD/BOLT DETAILS REFER STEEL SUPPLIER DWGS. (TYP.)

1	DRAWING REVISED AS PER CLIENT COMMENTS	18-08-2018
0	ISSUED FOR CONSTRUCTION	18-08-2018
REV. NO.	DESCRIPTION	DATE
202		

JOB NO	2016-004
DWG. NO.	202
REV	1

DUHS 04
PEDESTAL DETAILS AND SECTIONS



DOW UNIVERSITY OF HEALTH SCIENCES ANNUAL PROCUREMENT PLAN FOR THE FINANCIAL YEAR 2016-17 (Works, Goods & Services)

S.No	Description of Items / Institutes	Quantity (Where applicable)	Estimated unit cost (Where applicable)	Estimated total cost	Funds Allocated	Source of funds (ADP / Non-ADP)	Proposed procurement method	Remarks
1	Strengthening of Institute of Physical Medicine and Rehabilitation of Disable at DUHS, Karachi.			140.000	140.000	ADP	Open competitive Bidding	
2	Establishment of Postgraduate Skill Development Lab. At DMC.			20.000	20.000	Non-ADP	Open competitive Bidding	
3	Providing Equipment/Instruments to enhance the Security Measures of DUHS.			50.000	50.000	Non-ADP	Open competitive Bidding	
4	Establishment of future campus / OPD / Emergency Hospital at DHA City Super Highway, Karachi			20.360	20.360	Non-ADP	Open competitive Bidding	
5	Collection Centers for Laboratories in different locations of Karachi and Interior Sindh. (15 Nos. New)			45.000	45.000	Non-ADP	Open competitive Bidding	
6	Construction of Fourth Floor and Maintenance and Repair of Dow University Hospital.			43.000	43.000	Non-ADP	Open competitive Bidding	
7	Maintenance & Repair & Addition of DUHS Buildings			49.000	49.000	Non-ADP	Open competitive Bidding	
8	Additional Block for "RIVA Water" at Ojha Campus			85.000	80.000	Non-ADP	Open competitive Bidding	
9	Construction of Addition Blocks in Dental College at DHA Campus.			190.000	190.000	Non-ADP	Open competitive Bidding	
10	Improvement of Existing Collection Centres.			4.000	4.000	Non-ADP	Open competitive Bidding	
11	Addition of First Floor at DHA Campus (Chanacer Goth)			45.000	45.000	Non-ADP	Open competitive Bidding	
12	Addition of Second Floor at DHA Campus (Chanacer Goth)			45.000	45.000	Non-ADP	Open competitive Bidding	
13	Procurement of Equipment / Instruments for Angiography Suite			23.656	23.656	Non-ADP	Open competitive Bidding	
14	Procurement of Equipment / Instruments for O.T. Complex			90.000	90.000	Non-ADP	Open competitive Bidding	



DOW UNIVERSITY OF HEALTH SCIENCES ANNUAL PROCUREMENT PLAN FOR THE FINANCIAL YEAR 2016-17 (Works, Goods & Services)

S.No	Description of Items / Institutes	Quantity (Where applicable)	Estimated unit cost (Where applicable)	Estimated total Cost	Funds Allocated	Source of funds (ADP / Non-ADP)	Proposed procurement method	Remarks
15	Procurement of Equipment / Instruments for DOW Hospital			90.303	90.303	Non-ADP	Open competitive Bidding	
16	Procurement of Equipment / Instruments for Dow RAD			112.945	112.945	Non-ADP	Open competitive Bidding	
17	Procurement of Lap Tops, Computers, Software and Ancillaries			35.000	35.000	Non-ADP	Open competitive Bidding	
18	Procurement of I.T. Servers			180.000	180.000	Non-ADP	Open competitive Bidding	
19	Procurement of Equipment / Instruments for PET Bottles etc.			60.000	60.000	Non-ADP	Open competitive Bidding	
20	Procurement of Equipment / Instruments for NILGID			46.640	46.640	Non-ADP	Open competitive Bidding	
21	Procurement of Equipment / Instruments / Dental Material / Teaching Aids			4.664	4.664	Non-ADP	Open competitive Bidding	
22	Procurement of Equipment / Instruments for Stem Cell Lab.			45.000	45.000	Non-ADP	Open competitive Bidding	
23	Procurement of Equipment / Instruments for D.R.I.B.S			100.000	55.000	Non-ADP	Open competitive Bidding	
24	Procurement of Equipment / Instruments for Liver Transplant Unit			91.600	91.600	Non-ADP	Open competitive Bidding	
25	Procurement of Equipment / Instruments for Eye Department			9.854	9.854	Non-ADP	Open competitive Bidding	
26	Procurement of Equipment / Instruments for Animal Sciences			4.620	4.620	Non-ADP	Open competitive Bidding	
27	Procurement of Equipment / Instruments for Dow Research & Reference Lab.			26.236	26.236	Non-ADP	Open competitive Bidding	
28	Procurement of Equipment / Instruments for ASV Project			25.629	25.629	Non-ADP	Open competitive Bidding	



DOW UNIVERSITY OF HEALTH SCIENCES
ANNUAL PROCUREMENT PLAN FOR THE FINANCIAL YEAR 2016-17
(Works, Goods & Services)

S.No	Description of Items / Institutes	Quantity (Where applicable)	Estimated unit cost (Where applicable)	Estimated total Cost	Funds Allocated	Source of funds (ADP / Non-ADP)	Proposed procurement method	Remarks
29	Procurement of Equipment / Instruments for Dow College of Pharmacy			10.997	10.997	Non-ADP	Open competitive Bidding	
30	Procurement of Equipment / Instruments for Kidney Transplant Unit			67.140	67.140	Non-ADP	Open competitive Bidding	
31	Procurement of Equipment / Instruments for Bone Marrow Transplant Unit			123.100	123.100	Non-ADP	Open competitive Bidding	
32	Procurement of Office Stationery / General Items			27.000	27.000	Non-ADP	Open competitive Bidding	
33	Procurement of Printing & Publication			15.930	15.930	Non-ADP	Open competitive Bidding	
34	Procurement of Uniform & Liveries			5.000	5.000	Non-ADP	Open competitive Bidding	
35	Procurement of Chemicals / Kits / Reagents			48.000	48.000	Non-ADP	Open competitive Bidding	
36	Procurement of X-Ray Films / Contrast etc.			50.000	50.000	Non-ADP	Open competitive Bidding	
37	Procurement of Drugs / Medicines / Contrast			193.000	193.000	Non-ADP	Open competitive Bidding	
38	Procurement of Disposables / Surgical Goods / Artificial Body Parts / Limbs			41.450	41.450	Non-ADP	Open competitive Bidding	
39	Strengthening the various Departments & Institutes by providing Equipment / Instruments, Furniture / Fixture & Electrical Appliances.			78.000	78.000	Non-ADP	Open competitive Bidding	
40	Establishment of Insulin Bank at NIDE, DUHS			20.000	20.000	Non-ADP	Open competitive Bidding	
41	Procurement of Laboratory Equipment / Instruments			48.000	48.000	Non-ADP	Open competitive Bidding	
42	Procurement of Equipment / Instruments / Disposables for Dental Colleges			47.650	47.650	Non-ADP	Open competitive Bidding	
43	Procurement of Surgical Implants for Dow Hospital and Dental Colleges			49.000	49.000	Non-ADP	Open competitive Bidding	



DOW UNIVERSITY OF HEALTH SCIENCES
ANNUAL PROCUREMENT PLAN FOR THE FINANCIAL YEAR 2016-17
(Works, Goods & Services)

S.No	Description of Items / Institutes	Quantity (Where applicable)	Estimated unit cost (Where applicable)	Estimated total Cost	Funds Allocated	Source of funds (ADP / Non-ADP)	Proposed procurement method	Remarks
44	Procurement of Cardiology & Cardiac Surgery Catheters / Disposables / Consumable for Angiography PTCA, Bypass			45,000	45,000	Non-ADP	Open competitive Bidding	
45	Procurement of Vascular Interventous Radiology Catheters / Disposables / Consumables / Surgical			43,000	43,000	Non-ADP	Open competitive Bidding	
46	Hiring of Security Services / Janitorial Services / Operation of Point Buses / Hiring of other services / consultants			438,000	438,000	Non-ADP	Open competitive Bidding	
47	Procurement of Services for Convocation 2016			12,000	12,000	Non-ADP	Open competitive Bidding	
48	Cosmodarma Clinic at Ojha Campus			15,000	15,000	Non-ADP	Open competitive Bidding	