

**MINISTRY OF HEALTH & FAMILY WELFARE
GOVERNMENT OF INDIA, NEW DELHI**

Tender No. MoHFW/PMSSY/JNMC-ALIGARH/SIGNAGE/HLL/ID/2014/03(revn)

Request for Proposal (RFP)

for

**Up-gradation of Jawaharlal Nehru Medical College, Aligarh Muslim University, Aligarh (U.P) under PMSSY-II
“Package-3: Signage (Internal & External)”(revn)**

Volume- IV (BOQ)



B-14A, Sector – 62,
NOIDA (UP) -201307

Phone no: 0120-4071500, Fax no: 0120-4071627

(November, 2014)

PREAMBLE TO BILL OF QUANTITIES	
<i>(This preamble applies to all the sections of the Bill of Quantities. The Contract rates shall take into account all these provisions in addition to various provisions as given in other parts of the Contract document)</i>	
Sl No.	DESCRIPTION
1	This is an "Item Rate Tender". Rates shall include cost of materials, labour, plants & equipments taxes, duties and all necessary apparent services required for complete execution, and commissioning in accordance with relevant drawings and specification. The HLL/MoHFW decision on interpretation of bill of quantities and its preamble shall be final and binding on the contractor.
2	The quantities given in this Bill of Quantities are liable to variations. Such variations in quantities shall not, however, vitiate the contract in any way whatsoever and all quoted rates shall remain valid as per deviation limits provided in the contract. Contractor shall be paid for the actual measured quantities of work executed by him/them .
3	Rates quoted shall be firm and shall not be subject to any price variations except as specifically provided in the contract.
4	The contractor's quoted rate shall include surveying, making layout and demarcation of all services as required for completion of the works within the scope of this contract .
5	The words "as specified", "as described", "as shown", "as directed", or "as approved", shall mean as described in the specifications, Schedule of Quantities and other Contract documents as shown on the drawings or as directed by EIC.
6	The following notations as appearing in the Bill of Quantities and specifications shall mean :
	a) cm = Centimetre
	b) Sqcm. = Square centimetre
	c) Rm/Mtr./ Metre = Running metre
	d) No./Nos./Each/Set = Numbers
	e) Kg. = Kilogram
	f) MT. = Metric Ton
7	The bidders shall take into account all leads and lifts involved in transport of materials to site, erection and hire of T & P, sheds for materials, etc. while quoting the rates for various sub heads of the work. Similarly all taxes including Octroi, Toll or Sales Tax/VAT, Works Contract Tax or any other Taxes etc. as payable by the contractor at the time of submission of bids shall be taken in to account by the bidders before quoting their. Any claim in these matters whatsoever in this respect shall not be entertained.

PROJECT: Up-gradation of Jawaharlal Nehru Medical College, Aligarh Muslim University, Aligarh (U.P) under PMSSY-II “Package-3: Signage (Internal & External)”(revn)			
FINANCIAL BID SUMMARY SHEET			
SL. NO.	SUB-HEADS	Quoted Amount (In Rs.) <i>In Figures</i>	Quoted Amount (In Rs.) <i>In Words</i>
1	Internal Signages		
2	External Signages		
	GRANT TOTAL (In RS.)		

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**Up-gradation of Jawaharlal Nehru Medical College, Aligarh Muslim University, Aligarh (U.P) under PMSSY-II
“Package-3: Signage (Internal & External)”(revn)**

**BOQ
for
SIGNAGES (INTERNAL & EXTERNAL)**

Sr. No.	DSR/ NDSR	Item Description	Unit	Qty	Rate (In Rs.)	Rate (In Rs.)	Amount (In Rs.)	Amount (In Rs.)
					In Figures	In Words	In Figures	In Words
1	NDSR	Design,manufacture,supply and fixing of Single Sided Aluminium/ Modular Wall Signage in different sizes made in curve / flat shape silver anodized aluminium extruded profile of minimum thickness of 1.5mm for face panels with digitally printed / cut text(multi language such as in English, Hindi & Urdu) and graphics(Pictograms & Symbols) mounted on it and having 1mm protection clear polycarbonate sheet and having palstic end caps for covering sides of signage and fixed on wall with screws and washers including Labour, Tools and plants, complete and directions of Engineer in charge.Font ,size & design are to be approved by Engineer in Charge. The vendor shall use MCFT(Modular Curved Frame Technology).	Sq.cm	461070				
2	NDSR	Design,manufacture,supply and fixing of Single/double Sided Modular Ceiling Signage in different sizes made in curve/flat shape silver anodized aluminium extruded profile of minimum thickness of 1.5mm for face panels with digitally printed /cut text(in English, Hindi & Urdu) and graphics(Pictograms & Symbols) mounted on it and having 1mm protection clear polycarbonate sheet and having palstic end caps for covering sides of signage and fixed on Celing with SS Cables and fastners including Labour, Tools and plants, complete and directions of Engineer in charge.Font ,size & design are to be approved by Engineer in Charge.The vendor shall use MCFT(Modular Curved Frame Technology).						
2a.		Single Sided	Sq.cm	51612.80				

Sr. No.	DSR/ NDSR	Item Description	Unit	Qty	Rate (In Rs.)	Rate (In Rs.)	Amount (In Rs.)	Amount (In Rs.)
					<i>In Figures</i>	<i>In Words</i>	<i>In Figures</i>	<i>In Words</i>
2b.		Double Sided	Sq.cm	7245.15				
3	NDSR	Design,manufacture,supply and fixing mandatory signage(fire safety signage Escape route signage,floor signage,etc) glow in dark photoluminescent on aluminium composite panel of 2mm thickness, text & graphics to be digitally UV printed/ cut text and having protective lamination over it of standard size as per conventional design/ colour code(in English, Hindi & Urdu). The signage will be either fixed on the wall with the help of screws & double tape or hanged from the false ceiling with the help of chain & screws etc. complete as per technical specifications and directions of Engineer in charge . Font ,size & design are to be approved by Engineer in Charge. Contrcator has to get approval from EIC before supply & installation.The vendor shall use MCFT(Modular Curved Frame Technology).	Sq. Cm	27561.24				
4	NDSR	Design,manufacture,supply and fixing Fire Evacuation Plan to be made in glow in dark photoluminescent sheet to be sandwiched between 2 layers of 5mm clear acrylic sheet, text and graphics to be digitally UV printed/ cut and having protective lamination over it . The signage will be either fixed on the wall with the help of screws & double tape, complete as per technical specifications and directions of Engineer in charge .Font ,size & design are to be approved by Engineer in Charge						
		Floor Plan - 36"X 24" or as per directions of Engineer in charge .	Sq.cm	39600.00				

Sr. No.	DSR/ NDSR	Item Description	Unit	Qty	Rate (In Rs.)	Rate (In Rs.)	Amount (In Rs.)	Amount (In Rs.)
					<i>In Figures</i>	<i>In Words</i>	<i>In Figures</i>	<i>In Words</i>
5	NDSR	Design,manufacture,supply and fixing Door mounted Signage fabricated using hairline finish stainless steel (SS) plate of 1 mm thickness made with SS-304 grade sheet duly chemical etched as per the approved size with text and graphics and filled with approved colour enamel paint and to be fixed using SS screw and caps complete including labour, tools and plants, HOM for fixing on doors complete as per directions of Engineer in charge. Font ,size & design are to be approved by Engineer in Charge	Sq. Cm	21374.15				
6	NDSR	Design, Supply & installation of 3D signage fabricated using SS with Acrylic Sheet of approved color for face and side of the letters of 100mm depth. Letters will be illuminated by Samsung LED LENS modules and weather proof LED drivers and light will come out from front and sides of the letters. Letters will be fixed on reverse channel letters and directly installed on available base/wall/fascade of the buiding. All fittings , fixtures, wiring and connections will be done using international standards and best engineering practices. FONT : Arial Bold or Arial Black or as approved by Engineer in Charge	Height cm of the letter	431.8				

Sr. No.	DSR/ NDSR	Item Description	Unit	Qty	Rate (In Rs.)	Rate (In Rs.)	Amount (In Rs.)	Amount (In Rs.)
					<i>In Figures</i>	<i>In Words</i>	<i>In Figures</i>	<i>In Words</i>
7	NDSR	Designing, Manufacturing, supplying and fixing retro reflective sign boards made up of 3 mm thick aluminium composite panel sheet, face to be fully covered with high intensity encapsulated type heat activated retro reflective sheeting conforming to type - IV of ASTM-D 4956-01 in blue and silver white or other colour combination including subject matter, message (bi-lingual), symbols and borders etc. as per IRC; 67:2001, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class -2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back support frame of M.S. angle of size 40x40x5 mm along with theft resistant measures, mounted and fixed with 1 Nos. M.S.pole of size 100 mm dia (Class B) to a vertical post made up to 10ft. inclusive of MS Pole cost and its suitable foundation as per Engineer -in Charge.	Sq.cm	64800				
8	NDSR	Designing, Manufacturing, supplying and fixing retro reflective sign boards made up of 3 mm thick aluminium composite panel sheet, face to be fully covered with high intensity encapsulated type heat activated retro reflective sheeting conforming to type - IV of ASTM-D 4956-01 in blue and silver white or other colour combination including subject matter, message (bi-lingual), symbols and borders etc. as per IRC; 67:2001, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class -2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back support frame of M.S. angle of 40x40x5 mm along with theft resistant measures, mounted and fixed with 1 Nos. M.S.pole of size 100 mm dia (Class B) to a vertical post made up to 10ft.(excluding of MS Pole cost and its suitable foundation as per Engineer -in Charge.	Sq. Cm	43200				
		Total (In Rs.)						
		NOTE: The Contractor has to submit the Design ,Size and installation procedure alongwith samples to EIC for approval.Approved samples has to keep at site till the whole work is completed.EIC has right to modify the design of the approved samples also during the entire period of the contract without change in rates etc. and contractor is bound to follow these written instruction/changes in design/size etc from EIC.						