MINISTRY OF EXTERNAL AFFAIRS (GOVT. OF INDIA)

NEPAL BHARAT MAITRI EMEGENCY AND TRAUMA CENTRE (NBMETC), KATHMANDU NFPAL

Tender

for

Construction of Additional works for making Operation Theaters (OTs) functional at 200 Bedded Nepal Bharat Maitri Emergency and Trauma Centre (NBMETC), Kathmandu, Nepal

VOLUME - V

PRICE BID

July 2013



(Consultants & Engineers for Mega Hospitals & Laboratories) E - 6 (A), Sector - I, NOIDA (U.P.) - 201 301 (INDIA)

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Tender No. HSCC/PG-III/MEA/Nepal/OT /2013

BILL OF QUANTITY (BOQ)

PRICE BID

Construction of Additional work of Operation Theatre on tunrkey basis and One year defect liability period

SL. NO.	ITEM DESCRIPTION	UNIT	QTY	RATE IN FIG IN Rs.	RATE IN WORDS	AMOUNT in Rs.
	O. W. O. A.					
1	Ceiling System					
	50 mm thick Double skin totally flush walkable false ceiling prefabricated panels shall be made with 0.8 mm thick SS-304 sheet on both side with 36 ± 2 kg/m³ density PUF as infill, with suitable Ceiling grid and supporting hardware complete as required with all accessories as per technical specification.	lot	5			
2	Wall with					
	Epoxy paints should be quoted smoothly and uniformly on wall	lot	5			
3	Corner Coving					
	Extruded aluminium powder coated/Anodized clip on type covings for the entire wall to wall and wall to ceiling complete as required with all accessories as per technical specification.	lot	5			
4	Peripheral Light					
	It should be fitted outside the air ceiling system area and flush with the ceiling in the operation theatre, suitable to required illumination of OT. It should be fitted outside the air ceiling system area and flush with the ceiling in the operation theatre, suitable to required illumination of OT and complete as required with all accessories as per technical specification.	Nos	60			
	om a					
5	OT Control Panel					<u> </u>
	The room Surgeon's control panel should be designed to cope with changing technology & equipment in operating environments. The touch screen typed Control Panel should be 19" medical grade color TFT/LED panel with 1280 x1024 (SXGA) resolution stationed in the sterile field. The Control Panel should be configured to incorporate all the services required by the staff in the Operation theatre. It should be mounted flush in the theatre wall and complete as required with all accessories as per technical specification.	Nos	5			

The two Cy-plates viewing 3 pieces of high frequency fluorescent lamps X-Ray Viewing Screen should be designed to provide flicker free luminance for clear film viewing. Each plate should be able to illuminate film up to 14° X1° size and complete as required with all accessories as per technical specification. 7 Writing Board Writing Board as operating list Board of size-1000x700x60beep should be mude of ceronic having magnetic properties and should be flushed to the walf of the operating Room and complete as required with all accessories as per technical specification. 8 Bull-in Storage Linit Stonge Unit should be unde out of 1.50 mm thick SS-304 sheet. The storage unit should be divided 2 or more parts and each part should have individual glass done with hist quality locking system and complete as required with all accessories as per technical specification. 9 Distribution Board and Electrical wiring, condusting with fisture inside the Operation theater All high voltage capipment should be installed in the errose calabite. and complete as required with all accessories as per technical specification. 10 Operation theater Plooring (Autistatic Conductive Plororing) The Operation State Plooring (Autistatic Conductive Plororing) The Operation Content Plore (Finish should be laid prior to lying of the floor finish tomplete as required with all accessories as per technical specification.						
The two (2)-plate viewing 3 pieces of high frequency fluorescent lamps X-Ray Viewing Screen should be designed to provide flicker free luminame for clear film viewing. Each plate should be able to illuminate flittins upto 14"x17" size and complete as required with all accessories as per technical specification. 7 Writing Board Writing Board Writing Board on operating list Board of size-1000x700x60/deep should be made of cramak having anguests properties and should be flashed to the wall of the operation. Ross from and complete as required with all accessories as per technical specification. 8 Built-in Storage Unit Storage Unit should be made not of 150 mm thick \$53/04 sheet. The storage unit should be divided 2 or more parts and echo press should have individual glass doos with high quality locking system and complete as required with all accessories as per technical specification. 9 Operation theater All high voltage equipment should be installed in a separate enclosure. Electric Distribution Floard and Electrical wring, condusting with fixture inside the Operation theater All high voltage equipment should be installed in a separate enclosure. Electric Distribution Floard and Electrical wring, condusting with fixture inside the operation float. URS. Transformens, Mans, Relays, Circuit protective equipment exists of the remote colineat, and complete as required with all accessories as per technical specification. 10 Operation Theatre Flooring (Antistatic Conductive Flooring) The Operation theatre floor finish should be laid with 2 mm antistatic seanless conductive PVC tiles on a meric-conductive plote to lying of the floor finish should be fail with a lore of the floor finish should be fail o	6	X-Ray Film Viewer				
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SUR TOTAL (A)		conductive PVC tiles on a semi-conductive adhesive base. The floor should be provided, flat to within a tolerance of +/- 3mm over any 3-metre area. Onto this sub floor, a self-leveling compound should be laid prior to lying of the floor finish	lot	5		
500 TOTAL(A)					SUB TOTAL (A)	

BILL OF QUANTITY (BOQ) Construction of Additional work of Minor OT on turnkey basis and One year defect liability period

				RATE IN FIG IN Rs.	UNIT RATE IN WORDS		
SL. NO.	ITEM DESCRIPTION	UNIT	QTY			AMOUNT in Rs.	
	a w						
1	Ceiling System						
	50 mm thick Double skin totally flush walkable false ceiling prefabricated panels shall be made with 0.8 mm thick SS-304 sheet on both side with 36 \pm 2 kg/m³ density PUF as infill, with suitable Ceiling grid and supporting hardware complete as required with all accessories as per technical specification.	lot	1				
2	Wall with						
	Anti fungal paints should be quoted smoothly and uniformly on wall	lot	1				
3	Corner Coving						
3	Extruded aluminium powder coated/Anodized clip on type covings for the entire wall to wall and wall to ceiling complete as required with all accessories as per technical specification.	lot	1				
4	Peripheral Light						
	It should be fitted outside the air ceiling system area and flush with the ceiling in the operation theatre, suitable to required illumination of OT. It should be fitted outside the air ceiling system area and flush with the ceiling in the operation theatre, suitable to required illumination of OT and complete as required with all accessories as per technical specification.	Nos	8				
	Distribution Board and Electrical wiring, conduiting with fixture inside the						
5	Operation theatre						
	All high voltage equipment should be installed in a separate enclosure. Electric Distribution Panel, UPS, Transformers, Mains, Relays, Circuit protective equipment etc. for all circuits of Operation theatre shall be installed in the remote cabinet. and complete as required with all accessories as per technical specification.	lot	1				
	Overether Theorem File who (Anthrotte Condenting File who)						
6	Operation Theatre Flooring (Antistatic Conductive Flooring) Providing and laying of approved make Epoxy ceramic aggregate mixed abrasion						
	resistance flooring over IPS flooring. Antistatic Epoxy flooring to be laid over Epoxy	lot	1				
	Primer coating applied on levelled IPS floor. Supply & laying of 2mm thick self						
	leveling screed and Antistatic Epoxy Flooring.				SUB TOTAL (B)		
					30B 101AE (B)		
	GRAND TOTAL (SUB TOTAL A + SUB TOTAL B)				in Rs.		

GRAND TOTAL (SUB TOTAL A + SUB TOTAL B)	In Rs.					
GRAND TOTAL IN WORDS						

Date Note

1 The above format of Bill of Quantity(BOQ) should be neatly hand written.

2 The BOQ in any other format than the above format or tuped written shall be rejected

3 The above quoted rates will be inclusive of all taxes, duties and other charges.

- 4 Cutting and overwriting should be avoided. Correction should be countersigned always.
- 5 Incase any error between Unit rate in figure and unit rate in words, the unit rate in words shall be cosidered
- 6 Using of fluid should be avoided

Signature of Bidder Name of Bidder Seal of the Bidder