

06-04-2017

## **Amendment No. 1**

**Sub: Amendment to the referred tender enquiry**

**Ref.: Tender Enquiry HITES/PCD/PMSSY-III/01/MOT/2016-17 dated 25-03-2017**

The following changes are being incorporated in the above referred Tender Enquiry Document

### **SECTION - IV**

#### **GENERAL CONDITIONS OF CONTRACT (GCC)**

##### **I. GIT Clause 11(A)(v)**

###### **i) Existing**

Power of Attorney in favour of signatory of TE documents and signatory of Manufacturer's Authorisation Form.

###### **Read as:**

Power of Attorney issued by Competent Authority in favour of the person who is digitally signing/ uploading the tender(s)

##### **II. GCC Clause 21.1 Payment Terms**

###### **i) Existing**

A) Payment for domestic goods or goods of foreign origin located within India.

b) Twenty (20%) payment of the delivered goods price shall be paid on installation and commissioning upon submission of following document:-

i) Installation and commissioning certificate in original issued by the consignee.

c) On Acceptance:

Balance Ten (10%) payment of the delivered goods value would be made against 'Final Acceptance Certificate' (FAC) as per Section XVIII of goods to be issued by the consignees subject to recoveries, if any, either on account of non-rectification of defects/deficiencies not attended by the Supplier or otherwise. FAC need to be issued by the designated consignee after installation, commissioning, testing and one month of successful trial run of the equipment.

###### **Read as:**

A) Payment for domestic goods or goods of foreign origin located within India.

Payment shall be made in Indian Rupees as specified in the contract in the following manner:

b) Ten percent (10%) payment of the delivered goods price shall be paid on installation and upon submission of following document:-

i) Installation certificate/ Installation Report duly sealed and signed by the consignee.

c) On Acceptance:

Balance Twenty percent (20%) payment of the delivered goods value would be made against 'Final Acceptance Certificate' (FAC) as per Section XVIII of goods to be issued by the consignees subject to recoveries, if any, either on account of non-rectification of defects/deficiencies not attended by the Supplier or otherwise. FAC need to be issued by the designated consignee after installation, commissioning, testing and one month of successful trial run of the equipment.

**ii) Existing**

A) Payment for foreign currency portion shall be made in the currency as specified in the contract in the following manner.

b) Twenty (20%) payment of the net CIP price (CIP price less Indian Agency commission) of the goods shipped shall be paid through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the supplier in a bank in his country and upon submission of the following document:-

i) Installation and commissioning certificate in original issued by the consignee.

c) On Acceptance:

Balance Ten (10%) payment of the delivered goods value would be made against 'Final Acceptance Certificate' (FAC) as per Section XVIII of goods to be issued by the consignees through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the Foreign Principal in a bank in his country, subject to recoveries, if any. FAC need to be issued by the designated consignee after installation, commissioning, testing and one month of successful trial run of the equipment.

**Read as:**

b) Ten percent (10%) payment of the net CIP price (CIP price less Indian Agency commission) of the goods shipped shall be paid through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the supplier in a bank in his country and upon submission of the following document:-

i) Installation certificate/ Installation Report duly sealed and signed by the consignee.

c) On Acceptance:

Balance Twenty percent (20%) payment of the delivered goods value would be made against 'Final Acceptance Certificate' (FAC) as per Section XVIII of goods to be issued by the consignees through

irrevocable, non-transferable Letter of Credit (LC) opened in favour of the Foreign Principal in a bank in his country, subject to recoveries, if any. FAC need to be issued by the designated consignee after installation, commissioning, testing and one month of successful trial run of the equipment.

**Section VII**  
**Technical Specification**  
**Modular Operation Theater (MOT) for PMSSY III**

Sl.No	Existing Technical Specification	Read As Technical Specification
<b>1</b>	<b>WALL &amp; CEILING SYSTEM (SMS)</b>	
	System should comprise of:	<b>All component of Wall &amp; Ceiling System should be from the same manufacturer for the following -</b>
<b>i</b>	Sub frame/Structure	1. Sub frame/Structure
<b>ii</b>	Wall Panels	2. Wall Panels
<b>iii</b>	Angular Air Extraction module	<b>3. Angular Wall corners</b>
<b>iv</b>	Sealing gaskets	<b>4. Sealing Material</b>
<b>v</b>	Ceiling Panels	5. Ceiling Panels
<b>ii)</b>	<b>Wall panels: (Imported)</b>	<b>Wall panels:</b>
<b>a</b>	External facing should be bacteriostatic, dense and non-porous material	<b>a. Entire thickness of SMS sheet should be antimicrobial, dense and non-porous material.</b>
<b>d</b>	The total thickness of panel including Aluminum backing should not be less than 18mm.	The total thickness of panel including Aluminum backing structural panel <b>(minimum 15mm thickness) consisting of a trapezoidal aluminium corrugated core glued between two flat of aluminium sheet and total panel thickness not less than 18mm</b>
<b>iii)</b>	<b>Angular Air Extraction module:</b>	<b>Angular Wall corners</b>
<b>iv)</b>	<b>Sealing gaskets: (Imported)</b>	<b>Sealing Material</b>
	Should be non-toxic silicone rubber around all the contact perimeters between the various materials, and the hermetically sealed gaps between modules, should ensure optimum space segregation and ensure that sterile air pressure values are maintained in the protected environment, this be being a fundamental prerequisite for guaranteed sterility. Should be seamlessly connected surface.	Should be non-toxic , <b>antibacterial medical grade silicone/ Monolithic sealing method around all the contact perimeters</b> between the various materials, and the hermetically sealed gaps between modules, should ensure optimum space segregation and ensure that sterile air pressure values are maintained in the protected environment, this being a fundamental prerequisite for guaranteed sterility. Should be seamlessly <b>connected surface with same color finish.</b>

Sl.No	Existing Technical Specification	Read As Technical Specification
v)	<b>Ceiling Panels (Imported)</b>	<b>Ceiling Panels:</b>
2	<b>PVC FLOORING – Imported</b>	<b>PVC FLOORING</b>
8	Flooring should be done by skilled workers of accredited agencies authorized by the supplier of PVC sheets. The electrical resistance (point to ground) should be within 2.5x10 <sup>4</sup> to 5x10 <sup>6</sup> ohms. The floor should not allow buildup of electrical charge beyond 100 volts due to antistatic effect. The corners should not be terminated sharply and concealed cove- former (aluminum) should be used to overlap the wall panel to a height of approx.25mm and sealed perfectly and uniformly. Self-leveling compounds should be used.	Flooring should be done by skilled workers of accredited agencies authorized by the supplier of PVC sheets. The electrical resistance (point to ground) should be within <b>2.5x10<sup>4</sup> to 5x10<sup>6</sup></b> ohms. The floor should not allow buildup of electrical charge beyond 100 volts due to antistatic effect. The corners should not be terminated sharply and concealed cove- former (aluminum) should be used to overlap the wall panel to a height of approx.25mm and sealed perfectly and uniformly. Self-leveling compounds should be used.
3 (A)	<b>LAMINAR AIR FLOW SYSTEM</b>	
	<b>(Under Para: 6) SO 14644/1 classification = ISO 5</b>	<b>ISO 14644/1 classification = ISO 5</b>
4	<b>PERIPHERAL LIGHTING AND CLEAN ROOM LUMINARIES</b>	
8	Should be from these make - Philips/ GE/ Crompton/ Wipro/ Syska.	<b>The LED Bulbs</b> should be from these make - Philips/ GE/ Crompton/ Wipro/ Syska.
6	<b>X RAY FILM VIEWER</b>	
3	This should be a 3 panel viewing screen.	This should be <b>2 Numbers of dual panel viewing screen, it may be on one wall panel or adjacent.</b>
7	<b>STORAGE UNIT</b>	
1	The storage unit should be made with minimum 1.50 mm thick stainless steel panels and should be with same finish of OT Walls.	The storage unit should be made with minimum <b>1 mm</b> thick stainless steel panels and should be with same finish of OT Walls
10	<b>HERMETICALLY SEALED DOORS</b>	
6	The door material should be of HPL/SMS Color should match the interior and care should be taken to make the leaf strong and light weight.	The door material should be of <b>SMS</b> and Color should match the interior and care should be taken to make the leaf strong and light weight
15	<b>OT LIGHT WITH CAMERA</b>	
A	OT Light – LED (Imported)	OT Light – LED
4	Depth of Field : 750 to 1100mm (+/- 10%)	Working Range : 750 to 1100mm (+/- 10%) or better
12	Dimming Range : 30% - 80%	Dimming Range : 30% - <b>100%</b>
14	Surgical Light System Should be compliant with relevant European CE /US FDA	Surgical Light System Should be European CE /US FDA certified and certificate <b>should be</b>

Sl.No	Existing Technical Specification	Read As Technical Specification
	standards	<b>submitted for offered model</b>
<b>B</b>	HD Camera System – 1080 p/i (Imported)	HD Camera System – 1080 p/i
<b>2</b>	CCD : 1/3"	<b>CCD/CMOS : 1/3" or 1/2.8"</b>
<b>5</b>	Video Output : HD, S-Video & Composite Video	Video Output : HD and <b>S-Video / Composite Video (Intergrated/through Converter)</b>
<b>D</b>	Recording System (Price to be offered separately)	
	Recording system to be offered separately. Recording system should be full HD monitor LCD 19" touch screen or more and having the one TB storage space.	Recording system to be offered separately. Recording system should be full HD monitor <b>LCD 21" touch screen</b> or more and having the one TB storage space.
<b>16</b>	<b>PENDANTS FOR ANESTHETIST AND SURGEON (Imported)</b>	<b>PENDANTS FOR ANESTHETIST AND SURGEON</b>
<b>16.1</b>	<b>Double arm moveable Pendant for Anesthetist</b>	
<b>1</b>	Double moveable arms (any combination) with total coverage of 1800mm +/- 10% and 330 deg. Horizontal movements for each arm. Vertical movement should be motorized and the arm height should remain to a height greater than 6.5 feet above floor level	Double moveable arms (any combination) with total coverage of 1800mm +/- 10% and 330 deg. Horizontal movements for each arm. Vertical movement should be motorized and the arm height should remain to a height greater than <b>6 feet</b> above floor level
<b>4</b>	The Pendant Service Heads should be modular with minimum 800mm head. The heads should be capable of accepting a range of shelves, and infusion poles or other accessories. The Pendant Heads should support the range of Physiological Monitor Mounting Solutions.	The Pendant Service Heads should be modular with minimum <b>1000mm</b> head. The heads should be capable of accepting a range of shelves, and infusion poles or other accessories. The Pendant Heads should support the range of Physiological Monitor Mounting Solutions.
	<b>(Under Para : 6)</b> Shelf with two rails one on each side – 3 no.	<b>(Under Para : 6) Adjustable</b> Shelf with two rails one on each side – 3 no.
<b>7</b>	The pendants should be European CE or USFDA certified.	<b>The pendants should be European CE with 4 digit notified body number or USFDA certified for the offered model</b>
<b>16.2</b>	<b>Double arm moveable Pendant for Surgeon</b>	
<b>a</b>	Double moveable arms (any combination) with total coverage of 1800mm +/- 10% and 330 deg. Horizontal movements for each arm. Vertical movement should be motorized and the arm height should remain to a height greater than 6.5 feet above floor level	Double moveable arms (any combination) with total coverage of 1800mm +/- 10% and 330 deg. Horizontal movements for each arm. Vertical movement should be motorized and the arm height should remain to a height greater than <b>6 feet</b> above floor level

Sl.No	Existing Technical Specification	Read As Technical Specification
<b>d</b>	The Pendant Service Heads should be modular with minimum 800mm head. The heads should be capable of accepting a range of shelves, and infusion poles or other accessories. The Pendant Heads should support the range of Physiological Monitor Mounting Solutions.	The Pendant Service Heads should be modular with minimum <b>1000mm</b> head. The heads should be capable of accepting a range of shelves, and infusion poles or other accessories. The Pendant Heads should support the range of Physiological Monitor Mounting Solutions.
	<b>(Under Para: e)</b> Expandable shelf (minimum width: 70cm & Depth min. 45cm) with two rails one on each side – 5 nos.	<b>Adjustable</b> Shelf with two rails one on each side – 3 no.
<b>f</b>	The pendants should be European CE or USFDA certified.	<b>The pendants should be European CE with 4 digit notified body number or USFDA certified for the offered model</b>
<b>18</b>	<b>ONLINE CENTRAL UPS</b>	
<b>2</b>	Per MOT UPS load should be provided minimum 20 KVA and total UPS should be combination of the total load of all MOTs.(for example if total MOT is 7 nos. the central ups capacity should be minimum of 7x20KVA = 140KVA)	Per MOT UPS load should be provided minimum 20 KVA and total UPS should be combination of the total load of all MOTs <b>with one 20KVA backup</b> .(for example if total MOT is 7 nos. the central ups capacity should be minimum of 7x20KVA = 140KVA + <b>20KVA i.e. n+1</b> )
<b>BOQ &amp; Specs for all sites</b>		
13B	Isolation Transformer as per specification - <b>Optional</b>	Isolation Transformer as per specification Note: This change will be applied to BOQs of all sites

**Note: All other technical specification remains unchanged**

### Section – IX

#### Qualification Criteria

##### **i) Existing:**

3. Minimum Work of Similar Nature: Eligible bidders should have successfully executed globally in last five years from the date of tender opening, similar turnkey project of value, equivalent to or exceeding 50% of the estimated tender value. Out of total 50% value, at least one single order for similar work of minimum 25% value should have been executed globally. The details of requirement of MWSN (minimum work of similar nature) for different schedules, multiple schedules are mentioned in Eligibility Table. The value of the executed works shall be brought to the current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to last date of receipt of tenders.

Example/Clarification: Similar Project means that MOT meeting major technical parameters (viz. those items required for submission of Manufacturer's Authorization as per Section XIV-A & XIV-B as mentioned in the table at para 7 below) of the current BOQ floated in the tender enquiry document.

Read as:

3. Minimum Work of Similar Nature: Eligible bidders should have successfully executed globally in last five years from the date of tender opening, similar turnkey project of value, equivalent to or exceeding 50% of the estimated tender value. Out of total 50% value, at least one single order for similar work of minimum **10% value** should have been executed globally. The details of requirement of MWSN (minimum work of similar nature) for different schedules, multiple schedules are mentioned in Eligibility Table. The value of the executed works shall be brought to the current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to last date of receipt of tenders.

Example/Clarification: Similar Project means that Modular Operation Theatre meeting major technical parameters irrespective of material of construction.

**ii) Existing:**

4. Average Net Worth: Eligible bidders should have an Average Net Worth (i.e. Assets minus Liabilities) for the last five years (i.e. from 2011-12 to 2015-16) of not less than 10% of the estimated value of work. If the bid is submitted for multiple schedules/subschedules, the bidder has to meet as per the details given in Eligibility Table.

**Read as:**

4.(a). Average Net Worth: Eligible bidders should have an Average Net Worth (i.e. Assets minus Liabilities) for the last five years (i.e. from 2011-12 to 2015-16) of not less than 10% of the estimated value of work. If the bid is submitted for multiple schedules/ sub-schedules, the bidder has to meet as per the details given in Eligibility Table.

Or

4.(b). Solvency Certificate: Eligible bidders should submit a solvency certificate of not less than 30% of the estimated value of work from a Nationalized / Scheduled bank issued anytime during the last six month from the date of tender opening. If the bid is submitted for multiple schedules/ sub-schedules, the bidder has to meet as per the details given in Eligibility Table. In case of a foreign bidder the solvency certificate can be submitted from a branch of a foreign bank having banking operations in India.

iii) **Note under:**

**PROFORMA 'A'**  
**PROFORMA FOR PERFORMANCE STATEMENT**

**Existing:**

\*\* The documentary proof will be a certificate from the consignee/end user with cross-reference of order no. and date in the certificate along with a notarized certification authenticating the correctness of the information furnished.

**Read as :**

\*\* The documentary proof will be a certificate from the consignee/end user with cross-reference of order no. and date in the certificate along with a notarized certification authenticating the correctness of the information furnished. **In case the end user certificate is from a private hospital, it should be supported with a proof for receipt of payment/ LC document/ TDS certificate.**

**All other contents of the tender enquiry including terms & conditions remain unaltered.**

**Note:**

- i. The phrase "Running & Operation" appearing in the tender enquiry shall be read as **Deleted**
- ii. **Prospective Bidders are also advised to check the website regularly prior to the closing date and time of online submission of bids**



Revised Eligibility Table for Single and Cumulative site as per Amended Qualification Criteria												
Sch No.	Estimated Cost per site (Rs. in Cr.)	EMD per site (Rs. in Cr.)	Turnover ( Rs. in Cr.)		10% of the Minimum work of similar nature in the last five years globally (Rs. in Cr.)		50% of the Minimum work of similar nature in last five years globally as quoted in BOQ (Rs. in Cr.)		Avg. Net Worth of at least 10% of the estimated tender value in last five years (Rs. in Cr.)		Solvency of at least 30% of the estimated tender value (Rs. Cr.)	
			Average Annual Turnover	Average Annual Turnover (For Cum. sites)	Single Work order value	Single Work order value (For Cum. sites)	Work value	Work value (For Cum. sites)	Avg. Net Worth	Avg. Net Worth (For Cum. sites)	Solvency	Solvency (For Cum. sites)
1	7.00	0.14	2.10	2.10	0.70	0.70	3.50	3.50	0.70	0.70	2.10	2.10
2	7.00	0.14	2.10	4.20	0.70	1.40	3.50	7.00	0.70	1.40	2.10	4.20
3	7.00	0.14	2.10	6.30	0.70	2.10	3.50	10.50	0.70	2.10	2.10	6.30
4	7.00	0.14	2.10	8.40	0.70	2.80	3.50	14.00	0.70	2.80	2.10	8.40
5	7.00	0.14	2.10	10.50	0.70	3.50	3.50	17.50	0.70	3.50	2.10	10.50
6	7.00	0.14	2.10	12.60	0.70	4.20	3.50	21.00	0.70	4.20	2.10	12.60
7	7.00	0.14	2.10	14.70	0.70	4.90	3.50	24.50	0.70	4.90	2.10	14.70
8	7.00	0.14	2.10	16.80	0.70	5.60	3.50	28.00	0.70	5.60	2.10	16.80
9	7.00	0.14	2.10	18.90	0.70	6.30	3.50	31.50	0.70	6.30	2.10	18.90
10	7.00	0.14	2.10	21.00	0.70	7.00	3.50	35.00	0.70	7.00	2.10	21.00
11	7.00	0.14	2.10	23.10	0.70	7.70	3.50	38.50	0.70	7.70	2.10	23.10
12	7.00	0.14	2.10	25.20	0.70	8.40	3.50	42.00	0.70	8.40	2.10	25.20
13	7.00	0.14	2.10	27.30	0.70	9.10	3.50	45.50	0.70	9.10	2.10	27.30
14	7.00	0.14	2.10	29.40	0.70	9.80	3.50	49.00	0.70	9.80	2.10	29.40
15	7.00	0.14	2.10	31.50	0.70	10.50	3.50	52.50	0.70	10.50	2.10	31.50
16	7.00	0.14	2.10	33.60	0.70	11.20	3.50	56.00	0.70	11.20	2.10	33.60
17	7.00	0.14	2.10	35.70	0.70	11.90	3.50	59.50	0.70	11.90	2.10	35.70
18	7.00	0.14	2.10	37.80	0.70	12.60	3.50	63.00	0.70	12.60	2.10	37.80