

	<b>भारतीय प्रौद्योगिकी संस्थान मद्रास</b> <b>INDIAN INSTITUTE OF TECHNOLOGY MADRAS</b> <b>चिकित्सा विज्ञान और प्रौद्योगिकी विभाग</b> <b>Department of Medical Sciences and Technology</b> <b>चेन्नै / Chennai 600036</b> <b>Email :- <a href="mailto:mstoffice@iitm.ac.in">mstoffice@iitm.ac.in</a> / <a href="mailto:msthead@iitm.ac.in">msthead@iitm.ac.in</a></b>	
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## CORRIGENDUM 2

**Tender Name: Supply of “Visualization charts models defining the body functions”**

**Tender Reference No: IITM/MST/2023-24/001/VISUVCHART**

**Corrigendum details:** Extension of Bid Submission Date, closing date and change in technical specifications.

### 1. Extension of Bid Submission and closing Date and time

Bid Closing Date and Time	Bid Opening Date and Time
11.03.2024 at 3.00 p.m.	11.03.2024 at 3.30 p.m.

### 2. Change in Technical Specification.

Technical Specification published	Changes made in Technical Specification																
<p>A. Models (Material: Advanced PVC or anything similar as per latest design, Type: Single unit/ multiple sub parts for layer level visualization)</p> <ul style="list-style-type: none"> <li>Male Muscle figure – whole body Height – 86 cm to 100 cm, width – 45 cm to 55 cm, thickness – 35 cm – 45 cm</li> <li>Muscles of foot Height – 20 cm to 30 cm, width – 10 cm to 20 cm, thickness – 35 cm – 45 cm</li> <li>Muscles of arm with main vessels and nerve Length – 86 cm to 95 cm, width – 25 cm to 35 cm, Height – 15 cm – 25 cm</li> <li>Muscles of Hand Height – 20 cm to 30 cm, width – 12 cm to 20 cm, thickness – 5 cm – 10 cm</li> <li>Muscles of the leg Height – 15 cm to 25 cm, Length – 800 cm to 1000 cm, width – 10 cm – 20 cm</li> <li>Torso with head and interchangeable male and female genitals Height – 85 cm to 100 cm, width – 40 cm to 50 cm, thickness – 25 cm – 45 cm</li> <li>Skin Section Height – 20 cm to 30 cm, width – 20 cm to 30 cm, thickness – 3 cm – 10 cm. Enlarged – 70 – 100 times with multiple parts.</li> <li>Transparent Torso with internal organs To show the anatomical position of the Internal organs</li> <li>Dual – sex torso with head and open back Should have interchangeable male &amp; female genitals, abdomen covers, open back muscles of head and open &amp; neck internal organ, skull and brain etc., It also shows the anatomical structure of head, neck, trunk, some parts of upper limbs, muscles, thorax, celiac cavity. Height – 80 cm to 90 cm, width – 30 cm to 50 cm, thickness – 15 cm –</li> </ul>	<p><b>Visualization Charts Models defining the body function</b></p> <table> <tr> <th>S.No</th><th>DESCRIPTION</th></tr> <tr> <td>1</td><td>Male Muscle Figure Whole body</td></tr> <tr> <td>2</td><td>Muscles of Arm with Main Vessels and Nerves</td></tr> <tr> <td>3</td><td>Muscles of Hand</td></tr> <tr> <td>4</td><td>Muscles of the Leg</td></tr> <tr> <td>5</td><td>Muscles of Foot</td></tr> <tr> <td>6</td><td>Human Brain Functional Localization</td></tr> <tr> <td>7</td><td>Head, Brain with Arteries</td></tr> </table>	S.No	DESCRIPTION	1	Male Muscle Figure Whole body	2	Muscles of Arm with Main Vessels and Nerves	3	Muscles of Hand	4	Muscles of the Leg	5	Muscles of Foot	6	Human Brain Functional Localization	7	Head, Brain with Arteries
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<p>25 cm</p> <ul style="list-style-type: none"> <li>Half head with blood vessels Height – 30 cm to 45 cm, width – 20 cm to 40 cm, thickness – 5 cm – 15 cm</li> <li>Head with muscles Height – 30 cm to 40 cm, width – 15 cm to 50 cm, thickness – 15 cm – 25 cm</li> <li>Human half head, brain and neck region brain (sagittal section)</li> <li>Muscular head with brain</li> <li>Human Brain: Functional localization</li> <li>Brain lobe model</li> <li>Functional zones of cerebral cortex</li> <li>Head, Brain with arteries Height – 15 cm to 25 cm, width – 10 cm to 20 cm, thickness – 15 cm – 25 cm</li> <li>Twice enlarged grand human brain</li> <li>Brain stem</li> <li>Human skull with brain</li> <li>Human brain Height – 10 cm to 20 cm, width – 10 cm to 20 cm, thickness – 15 cm – 25 cm</li> <li>Spinal cord in spinal canal</li> <li>Nervous system Height – 80 cm to 100 cm, width – 20 cm to 30 cm, thickness – 2 cm – 5 cm</li> <li>Sympathetic nervous system</li> <li>Spinal cord in the spinal canal Should show neuraxon, presynaptic membrane, synaptic vesicle mitochondrion, neurofilament etc., Height – 15 cm to 25 cm, width – 14 cm to 20 cm, thickness – 10 cm – 20 cm</li> <li>Neuron Height – 30 cm to 50 cm, width – 20 cm to 30 cm, thickness – 10 cm – 25 cm. Enlarged 2500 times</li> <li>Taste receptors</li> <li>Enteric nervous system</li> <li>Peripheral nervous system</li> <li>Olfactory receptors</li> <li>Pupilla adjustment model (Light operated) Photoelectric cell – operated adjustment of pupilla changes</li> <li>Human Eyeball Height – 15 cm to 30 cm, width – 15 cm to 30 cm, thickness – 10 cm – 15 cm. Enlarged approx. 5 times located horizontally</li> <li>Eyeball with part of orbit Height – 10 cm to 20 cm, width – 10 cm to 20 cm, thickness – 20 cm – 25 cm. Enlarged Approx 3-5 times</li> <li>Working eye model</li> <li>Microanatomy eye model</li> <li>Retinogeniculostriate visual pathway</li> <li>Cochlear receptors</li> <li>Anatomical Ear Height – 20 cm to 30 cm, width – 30 cm to 40 cm, thickness – 10 cm – 25 cm. Enlarged approx. 3 times</li> <li>Anatomical ear with pinna Height – 40 cm to 50 cm, width – 40 cm to 50 cm, thickness – 20 cm – 30 cm. Enlarged Approx 4 times</li> <li>Ear Labyrinth Height – 15 cm to 25 cm, width – 10 cm to 20 cm, thickness – 10 cm – 25 cm. Enlarged approx. 18 times</li> <li>Labyrinth with auditory ossicles and tympanic membrane Height – 10 cm to 20 cm, width – 10 cm to 20 cm, thickness – 10 cm – 25 cm. Enlarged approx. 4 times</li> <li>Auditory ossicles</li> <li>Larynx with tongue Should contain laryngeal muscles, cavity. Height – 10 cm to 20 cm, width – 05 cm to 10 cm, thickness – 10 cm – 25 cm.</li> <li>Interior model of mouth, nose, pharynx and larynx with blood vessels Height – 20 cm to 30 cm, width – 2 cm to 5 cm, thickness – 10 cm – 25</li> </ul>	<table> <tr><td>8</td><td>Brainstem</td></tr> <tr><td>9</td><td>Human Brain</td></tr> <tr><td>10</td><td>Nervous System</td></tr> <tr><td>11</td><td>Human Skull with Brain 8 parts</td></tr> <tr><td>12</td><td>Spinal cord in The spinal Canal</td></tr> <tr><td>13</td><td>PERIPHERAL NERVOUS SYSTEM</td></tr> <tr><td>14</td><td>Pupilla Adjustment Model (Light-operated)</td></tr> <tr><td>15</td><td>Eyeball</td></tr> <tr><td>16</td><td>Working Eye model</td></tr> <tr><td>17</td><td>Microanatomy Eye</td></tr> <tr><td>18</td><td>RETINOGENICULOSTRIATE VISUAL PATHWAY</td></tr> <tr><td>19</td><td>COCHLEAR RECEPTORS</td></tr> <tr><td>20</td><td>Anatomical Ear</td></tr> <tr><td>21</td><td>Labyrinth with Auditory Ossicles and Tympanic Membrane</td></tr> <tr><td>22</td><td>Ear Labyrinth</td></tr> <tr><td>23</td><td>Auditory Ossicles</td></tr> <tr><td>24</td><td>Larynx with Tongue</td></tr> <tr><td>25</td><td>Interior model of Mouth, Nose, Pharynx and Larynx with Blood Vessels</td></tr> <tr><td>26</td><td>Human Endocrine System</td></tr> <tr><td>27</td><td>Functional Model of Larynx</td></tr> </table>	8	Brainstem	9	Human Brain	10	Nervous System	11	Human Skull with Brain 8 parts	12	Spinal cord in The spinal Canal	13	PERIPHERAL NERVOUS SYSTEM	14	Pupilla Adjustment Model (Light-operated)	15	Eyeball	16	Working Eye model	17	Microanatomy Eye	18	RETINOGENICULOSTRIATE VISUAL PATHWAY	19	COCHLEAR RECEPTORS	20	Anatomical Ear	21	Labyrinth with Auditory Ossicles and Tympanic Membrane	22	Ear Labyrinth	23	Auditory Ossicles	24	Larynx with Tongue	25	Interior model of Mouth, Nose, Pharynx and Larynx with Blood Vessels	26	Human Endocrine System	27	Functional Model of Larynx
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<p>cm.</p> <ul style="list-style-type: none"><li>Human endocrine system</li><li>Functional model of larynx</li><li>Heart, lung and larynx Height – 30 cm to 50 cm, width – 20 cm to 30 cm, thickness – 10 cm – 25 cm. Should have anatomical structure of the heart, lung and the aortic hiatus of the diaphragm.</li><li>Heart, lung and bronchial tree Height – 20 cm to 30 cm, width – 20 cm to 30 cm, thickness – 10 cm – 25 cm. Should show in 2/3 life size of the tracheobronchial system, heart, major vessels and pulmonary vessels.</li><li>Transparent lung</li><li>Lung segments</li><li>Heart model</li><li>Thoracic cavity model Should contain aortic arch, coronal section of atrium and ventricle, right auricle and left atrium</li><li>Anatomical heart model Height – 10 cm to 20 cm, width – 10 cm to 20 cm, thickness – 10 cm – 25 cm.</li><li>Circulatory system Height – 80 cm to 90 cm, width – 20 cm to 30 cm, thickness – 5 cm – 15 cm. ½ life size</li><li>Lobule and alveolus of lung Magnified lobule should show terminal bronchiole, respiratory bronchiole, alveolar epithelium with width approx.- 20-30 cm and Thickness – 5-15 cm.</li><li>Child heart model Should be showing the coronal section of atrium and ventricle – 2 times the size.</li><li>Magnified artery and vein model</li><li>Lymphatic system Height – 70 cm to 80 cm, width – 40 cm to 50 cm, thickness – 5 cm – 15 cm.</li><li>Digestive system</li><li>Stomach wall</li><li>Appendix and caecum</li><li>Internal surface of jejunum</li><li>Liver with pathology</li><li>Stomach on stand – 2 parts Longitudinal and circular muscle layers,cardia and pylorur, the mucous membrane and the gastric canal,stomach wall, network of arteries and nerve.</li><li>Micro anatomy digestive system Should illustrate the structure of the fine tissues of four characteristic sections of the digestive system a. Oesophagus b. Stomach c.small Intestine d. large Intestine</li><li>Micro anatomy - Liver</li><li>Spleen, pancreas and duodenum</li><li>Liver and Gall bladder Height – 10 cm to 30 cm, width – 20 cm to 30 cm, thickness – 5 cm – 15 cm.</li><li>Microanatomy – Kidney Longitudinal section of a kidney,section of renal cortex and renal medulla, diagrammatic/ didactic illustration of an opened renal corpuscle mounted on a base.</li><li>Human Excretory system</li><li>Kidney,nephron and corpuscle</li><li>Female urinary organ</li><li>Male urinary organ</li><li>Transparent renal segment</li><li>Kidney and adrenal glands Should show the anatomical structure of the kidney including cortical substance,medulla,proximal convoluted tubule,distal convoluted tubule,connecting canal mammillary ducts,minor renal calices,greater renal,pelvis of uretar,uretar interlobular arteries and vena,renal arteries and vena, adrenal gland.</li><li>Male genital organs Height – 20 cm to 30 cm, width – 15 cm to 30 cm, thickness – 15 cm –</li></ul>	28	Heart, lung and Larynx
	29	Lung Segments
	30	Heart Model
	31	Heart, lung and Bronchial Tree
	32	Anatomical Heart Model
	33	Lobule and Alveolus of Lung
	34	Circulatory System
	35	Child Heart Model
	36	Lymphatic System
	37	Stomach on Stand 2 parts
	38	Digestive System
	39	Liver with Pathology
	40	Stomach wall
	41	Spleen, Pancreas &Duodenum
	42	Liver and Gall Bladder
	43	MICRO anatomy Kidney
44	Human Excretory System	
45	Female UrinaryOrgan	
46	Male UrinaryOrgan	
47	Kidney, Nephron & Corpuscle.	
48	Transparent Renal Segment	

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<p>25 cm.</p> <ul style="list-style-type: none"> <li>Female genital organs Height – 10 cm to 30 cm, width – 10 cm to 30 cm, thickness – 15 cm – 25 cm.</li> <li>Median section of Male pelvis Height – 20 cm to 30 cm, width – 10 cm to 30 cm, thickness – 15 cm – 25 cm.</li> <li>Diseased Kidney</li> <li>Kidney stone</li> <li>Female inner genital organ</li> <li>Female pelvis</li> <li>Median section of female pelvis</li> <li>Inguinal hernia</li> <li>Male perineum anatomy</li> <li>Female perineum anatomy</li> <li>Anatomical uterus Height – 5 cm to 10 cm, width – 10 cm to 30 cm, thickness – 5 cm – 15 cm. Should show bladder,uterus,vagina,ureter and ovary</li> <li>Uterus ovary</li> <li>Magnified testicle Should show the inner structure of testicle with 10 times of life size</li> <li>Rectum</li> <li>Fertilization and development of human ovum up to 3 rd month. Height – 30 cm to 40 cm, width – 50 cm to 80 cm, thickness – 10 cm – 25 cm.</li> <li>Demonstration model of pregnancy Height – 30 cm to 50 cm, width – 10 cm to 30 cm, thickness – 25 cm – 35 cm.</li> <li>Human embryo</li> <li>Pelvis with uterus in nine months of pregnancy Height – 30 cm to 40 cm, width – 15 cm to 30 cm, thickness – 15 cm – 35 cm.</li> <li>Fetal circulatory system</li> <li>Ovary model</li> <li>Height – 20 cm to 30 cm, width – 25 cm to 40 cm, thickness – 10 cm – 25 cm.</li> <li>Enlarged model of placenta</li> <li>Demonstration model of childbirth</li> <li>Should contain uterus,fetus,placenta and to show the procedures of the delivery(life size)</li> <li>Mammary gland in resting period</li> <li>Height – 10 cm to 30 cm, width – 10 cm to 20 cm, thickness – 10 cm – 20 cm.</li> <li>Stages of pregnancy uterus with fetus.</li> <li>Rubber baby</li> <li>Section through the shoulder joint</li> <li>Section through the Knee joint</li> <li>Section through the Elbow joint</li> <li>Section through the Hip joint</li> <li>Section through a normal foot</li> <li>Section through the Hand</li> <li>Microanatomy – muscle fibre</li> <li>Section through the shoulder joint Has to illustrate a section of skeletal muscle fibre and its neuromuscular end plate with an approx. magnification of 10K times</li> <li>Functional Shoulder joint</li> <li>Functional Hip joint</li> <li>Functional Elbow joint</li> <li>Functional wrist joint</li> <li>Functional ankle joint</li> <li>Functional Knee joint</li> <li>Adult leg bone with three joints and ligaments</li> <li>Adult arm bone with three joints and ligaments</li> <li>Vertebral column with stand</li> <li>Flexible spine with male pelvis</li> <li>Skeleton of male pelvis</li> <li>Thoracic vertebra with spinal cord</li> <li>Skeleton of female pelvis</li> </ul>	49	Diseased Kidney
	50	Kidney Stone
	51	Kidney and Adrenal Glands
	52	Male Genital Organs
	53	Female Inner Genital Organ
	54	Female Genital Organs
	55	Female Pelvis
	56	Median Section of Male Pelvis
	57	Median Section of Female Pelvis
	58	Inguinal Hernia
	59	Male Perineum Anatomy
	60	Female Perineum Anatomy
	61	FUNCTIONAL SHOULDER JOINT (RIGHT)
	62	FUNCTIONAL HIP JOINT (RIGHT)
	63	FUNCTIONAL ELBOW JOINT (RIGHT)
	64	FUNCTIONAL WRIST JOINT (RIGHT)
	65	FUNCTIONAL ANKLE JOINT (RIGHT)
	66	FUNCTIONAL KNEE JOINT (RIGHT)
	67	ADULT LEG BONE WITH THREE JOINTS & LIGAMENTS
	68	ADULT ARM BONE WITH THREE JOINTS & LIGAMENTS

Technical Specification published	Changes made in Technical Specification																
<ul style="list-style-type: none"> <li>• Adult skull</li> <li>• Infant skull</li> <li>• Bone tissue model</li> <li>• Osteoporosis model</li> <li>• Child cranial bone model</li> <li>• Disarticulated human skeleton with skull</li> <li>• Entire Human skeletal system with stand</li> <li>• Model of jaw and mandible with articulation and in white resin with transparent gum gingivae and rooted channelled removable teeth, transparent at root level.</li> <li>• Development of a set of teeth</li> <li>• Half lower jaw, 3 times full size</li> </ul> <p>B. Microscopic Histology slides of</p> <ol style="list-style-type: none"> <li>1. Adipose tissue</li> <li>2. Hyaline cartilage</li> <li>3. Elastic cartilage</li> <li>4. White fibro cartilage</li> <li>5. Bone T.S</li> <li>6. Bone L.S</li> <li>7. Skeletal muscle</li> <li>8. Smooth muscle</li> <li>9. Cardiac muscle</li> <li>10. Peripheral nerve T.S</li> <li>11. Peripheral nerve L.S</li> <li>12. Sensory ganglion</li> <li>13. Dorsal root ganglion</li> <li>14. Elastic artery</li> <li>15. Large vein</li> <li>16. Small vein</li> <li>17. Lymph node</li> <li>18. Thymus</li> <li>19. Platine tonsil</li> <li>20. Spleen</li> <li>21. Oesophagus</li> <li>22. Tongue filli form and fungi form papillae</li> <li>23. Stomach – fundus</li> <li>24. Stomach – pylorus</li> <li>25. Duodenum</li> <li>26. Jejunum</li> <li>27. Ileum</li> <li>28. Large intestine</li> <li>29. Appendix</li> <li>30. Liver</li> <li>31. Gall bladder</li> <li>32. Pancreas</li> <li>33. Salivary gland</li> <li>34. Trachea</li> <li>35. Lung</li> <li>36. Thyroid with para thyroid</li> <li>37. Pituitary gland</li> <li>38. Adrenal gland</li> <li>39. Kidney</li> <li>40. Ureter</li> <li>41. Ovary</li> <li>42. Uterus</li> <li>43. Vas deferens</li> <li>44. Thin skin</li> <li>45. Thick skin</li> <li>46. Cornea</li> <li>47. Retina</li> <li>48. Spinal cord</li> <li>49. Cerebrum</li> <li>50. Cerebellum</li> <li>51. Placenta</li> <li>52. Umbilical cord</li> <li>53. Mammary gland</li> <li>54. Lymph node</li> <li>55. Muscle spindle</li> <li>56. Finger nail section</li> </ol>	<table border="1"> <tr> <td>69</td><td>IMPORTED VERTEBRAL COLUMN WITH STAND:</td></tr> <tr> <td>70</td><td>Skeleton of Male Pelvis</td></tr> <tr> <td>71</td><td>Skeleton of Female Pelvis</td></tr> <tr> <td>72</td><td>Thoracic Vertebra (TH II) with Spinal Cord</td></tr> <tr> <td>73</td><td>Adult Skull</td></tr> <tr> <td>74</td><td>Infant Skull</td></tr> <tr> <td>75</td><td>IMPORTED MR. SUPERSKELTON</td></tr> <tr> <td>76</td><td>Development of A Set of Teeth</td></tr> </table>	69	IMPORTED VERTEBRAL COLUMN WITH STAND:	70	Skeleton of Male Pelvis	71	Skeleton of Female Pelvis	72	Thoracic Vertebra (TH II) with Spinal Cord	73	Adult Skull	74	Infant Skull	75	IMPORTED MR. SUPERSKELTON	76	Development of A Set of Teeth
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<p>57. Nerve bundle</p> <p>58. Cervix</p> <p>59. Penis c.s</p> <p>60. Fallopian tube sec.</p> <p>C. Illustrative display charts/ posters</p> <p>1) Anatomy and physiology of Systems of body (respectively) – Circulatory, digestive, nervous, cardiovascular, respiratory, integumentary, reproductive, Genito urinary, musculoskeletal and special senses.</p> <p>2) Human body – colour atlas with parts labelled</p> <p>3) Musculoskeletal system – full and region specific (parts labelled)</p> <p>4) Organs of Human body (respectively)</p> <p>5) Central and peripheral nervous system – Brain and spine.</p> <p>6) Informative posters on various pathological/disease conditions</p> <p>7) Pharmacology – Drug action in body</p> <p>8) Metabolism process</p> <p>9) Cell and Tissue level information</p> <p>10) Microbiology posters.</p>	

**PROFORMA FOR TECHNICAL BID**

**Supply of “Visualization charts / models defining the body functions”  
Tender No IITM/MST/2023-24/001/VISUVALIZATIONCHARTS**

**A. PRE QUALIFICATION CRITERIA:**

<b>Sl. No.</b>	<b>Description</b>	<b>Compliance (Yes / No)</b>	<b>Reference Page No.</b>
<b>I</b>	<b>PRE-QUALIFICATION CRITERIA</b>		
1	The bidder shall not be from a country sharing land border with India and if the bidder is from a country sharing land border with India the bidder should have been registered with the competent authority as per orders of DIPP OM No. F. No. 6/18/2019-PPD dated 23rd July 2020, and MoCI Order No. P-45021/112/2020-PP (BE II) (E-43780) dated 24th August 2020. A declaration as per format given in <b>Annexure – D</b> shall be submitted with the bid.		
2	Only 'Class-I local suppliers' and 'Class-II local suppliers', as defined under DIPP, MoCI Order No. P45021/2/2017-PP (BE II) dated 16th September 2020 and other subsequent orders issued therein, shall be eligible to bid in this tender. Declaration for Class-I / Class-II local suppliers should be submitted in the prescribed proforma format as per <b>Annexure – E</b> .		
<b>II</b>	<b>BIDDER ELIGIBILITY CRITERIA</b>		
1	Neither the tender participating firm nor any of its partners has been blacklisted / debarred /involved / convicted in any criminal case / economic offence nor any criminal case / economic offence is <b>pending</b> against firm or any partner of the Firm before any Court of Law / Police. A self-declaration format given in <b>Annexure – F</b> .		
2	The bidders should be an OEM or authorized supplier of OEM. Necessary OEM certificate/OEM authorization letter for this particular tender should be submitted by the bidder as given in <b>Annexure-G</b> .		
3	The bidder must have cumulative financial turnover at least Rs. 25 Lakhs in the last three financial years i.e. 2020-2021, 2021-2022 and 2022-2023 (Financial statements / certificates duly certified by Chartered Accountant should be submitted as proof).		
4	The bidder should have experience in supply of two similar items <b>Visualization charts / models defining the body functions</b> to the reputed Institutions (like IIT, NIT, AIIMS, Central / State Medical Colleges, Universities and Institutions / Central Research Labs)/ R&D Units in India in the last three years (2020, 2021 and 2022).		

	<b>Copies of PO and installation report should be submitted as a proof for the supply.</b>		
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**ANNEXURE – B (continued)**

**PROFORMA FOR TECHNICAL BID**

**Supply of “Visualization charts / models defining the body functions”  
Tender No IITM/MST/2023-24/001/VISUVALIZATIONCHARTS**

**B. TECHNICAL SPECIFICATION COMPLIANCE:**

<b>S.No</b>	<b>DESCRIPTION</b>	<b>Compliance (Yes / No)</b>	<b>Reference Page No.</b>
<b>(a) Visualization Charts / Models defining the body function</b>			
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2	Muscles of Arm with Main Vessels and Nerves		
3	Muscles of Hand		
4	Muscles of the Leg		
5	Muscles of Foot		
6	Human Brain Functional Localization		
7	Head, Brain with Arteries		
8	Brainstem		
9	Human Brain		
10	Nervous System		
11	Human Skull with Brain 8 parts		
12	Spinal cord in The spinal Canal		
13	PERIPHERAL NERVOUS SYSTEM		
14	Pupilla Adjustment Model (Light-operated)		
15	Eyeball		
16	Working Eye model		



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37	Stomach on Stand 2 parts		

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40	Stomach wall		
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42	Liver and Gall Bladder		
43	MICRO anatomy Kidney		
44	Human Excretory System		
45	Female Urinary Organ		
46	Male Urinary Organ		
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48	Transparent Renal Segment		
49	Diseased Kidney		
50	Kidney Stone		
51	Kidney and Adrenal Glands		
52	Male Genital Organs		
53	Female Inner Genital Organ		
54	Female Genital Organs		
55	Female Pelvis		
56	Median Section of Male Pelvis		
57	Median Section of Female Pelvis		
58	Inguinal Hernia		
59	Male Perineum Anatomy		
60	Female Perineum Anatomy		

S.No	DESCRIPTION	Compliance (Yes / No)	Reference Page No.
61	FUNCTIONAL SHOULDER JOINT (RIGHT)		
62	FUNCTIONAL HIP JOINT (RIGHT)		
63	FUNCTIONAL ELBOW JOINT (RIGHT)		
64	FUNCTIONAL WRIST JOINT (RIGHT)		
65	FUNCTIONAL ANKLE JOINT (RIGHT)		
66	FUNCTIONAL KNEE JOINT (RIGHT)		
67	ADULT LEG BONE WITH THREE JOINTS & LIGAMENTS		
68	ADULT ARM BONE WITH THREE JOINTS & LIGAMENTS		
69	IMPORTED VERTEBRAL COLUMN WITH STAND:		
70	Skeleton of Male Pelvis		
71	Skeleton of Female Pelvis		
72	Thoracic Vertebra (TH II) with Spinal Cord		
73	Adult Skull		
74	Infant Skull		
75	IMPORTED MR. SUPERSKELTON		
76	Development of A Set of Teeth		
B	Warranty – Three years		
C	Demonstration and Training Required		
D	Delivery:- One month or earlier from the date of PO		

*\*Reference page number is mandatory and should be mentioned in the technical compliance*

**Place:**  
**Date:**

**Signature of the bidder**  
**Name & Address of the**  
**Bidder with Office Stamp**

**PROFORMA FOR FINANCIAL BID (BOQ) (REVISED)**Tender Name: **Supply of “Visualization charts models defining the body functions”**Tender Reference No: **IITM/MST/2023-24/001/VISUVCHART**

Sl. No	Item Code (If any)	DESCRIPTION	Unit	Qty	Rate Per Unit	Total Cost (Without GST)	GST (in %)	Total Cost (with GST)
1		Male Muscle Figure Whole body						
2		Muscles of Arm with Main Vessels and Nerves						
3		Muscles of Hand						
4		Muscles of the Leg						
5		Muscles of Foot						
6		Human Brain Functional Localization						
7		Head, Brain with Arteries						
8		Brainstem						
9		Human Brain						
10		Nervous System						
11		Human Skull with Brain 8 parts						
12		Spinal cord in The spinal Canal						
13		PERIPHERAL NERVOUS SYSTEM						
14		Pupilla Adjustment Model (Light-operated)						
15		Eyeball						
16		Working Eye model						

Sl. No	Item Code (If any)	DESCRIPTION	Unit	Qty	Rate Per Unit	Total Cost (Without GST)	GST (in %)	Total Cost (with GST)
17		Microanatomy Eye						
18		RETINOGENICULOSTRIATE VISUAL PATHWAY						
19		COCHLEAR RECEPTORS						
20		Anatomical Ear						
21		Labyrinth with Auditory Ossicles and Tympanic Membrane						
22		Ear Labyrinth						
23		Auditory Ossicles						
24		Larynx with Tongue						
25		Interior model of Mouth, Nose, Pharynx and Larynx with Blood Vessels						
26		Human Endocrine System						
27		Functional Model of Larynx						
28		Heart, lung and Larynx						
29		Lung Segments						
30		Heart Model						
31		Heart, lung and Bronchial Tree						
32		Anatomical Heart Model						
33		Lobule and Alveolus of Lung						
34		Circulatory System						
35		Child Heart Model						

Sl. No	Item Code (If any)	DESCRIPTION	Unit	Qty	Rate Per Unit	Total Cost (Without GST)	GST (in %)	Total Cost (with GST)
36		Lymphatic System						
37		Stomach on Stand 2 parts						
38		Digestive System						
39		Liver with Pathology						
40		Stomach wall						
41		Spleen, Pancreas & Duodenum						
42		Liver and Gall Bladder						
43		MICRO anatomy Kidney						
44		Human Excretory System						
45		Female Urinary Organ						
46		Male Urinary Organ						
47		Kidney, Nephron & Corpuscle.						
48		Transparent Renal Segment						
49		Diseased Kidney						
50		Kidney Stone						
51		Kidney and Adrenal Glands						
52		Male Genital Organs						
53		Female Inner Genital Organ						
54		Female Genital Organs						
55		Female Pelvis						

Sl. No	Item Code (If any)	DESCRIPTION	Unit	Qty	Rate Per Unit	Total Cost (Without GST)	GST (in %)	Total Cost (with GST)
56		Median Section of Male Pelvis						
57		Median Section of Female Pelvis						
58		Inguinal Hernia						
59		Male Perineum Anatomy						
60		Female Perineum Anatomy						
61		FUNCTIONAL SHOULDER JOINT (RIGHT)						
62		FUNCTIONAL HIP JOINT (RIGHT)						
63		FUNCTIONAL ELBOW JOINT (RIGHT)						
64		FUNCTIONAL WRIST JOINT (RIGHT)						
65		FUNCTIONAL ANKLE JOINT (RIGHT)						
66		FUNCTIONAL KNEE JOINT (RIGHT)						
67		ADULT LEG BONE WITH THREE JOINTS & LIGAMENTS						
68		ADULT ARM BONE WITH THREE JOINTS & LIGAMENTS						
69		IMPORTED VERTEBRAL COLUMN WITH STAND:						
70		Skeleton of Male Pelvis						
71		Skeleton of Female Pelvis						
72		Thoracic Vertebra (TH II) with Spinal Cord						
73		Adult Skull						

Sl. No	Item Code (If any)	DESCRIPTION	Unit	Qty	Rate Per Unit	Total Cost (Without GST)	GST (in %)	Total Cost (with GST)
74		Infant Skull						
75		IMPORTED MR. SUPERSKELTON						
76		Development of A Set of Teeth						
Total Cost inclusive of all *								

**NOTE:**

\* The rate should be inclusive of Transporting, Loading and Unloading (as applicable).

**Place:**

**Date:**

**Signature of the bidder**

**Name & Address of the Bidder with Office Stamp**



(To be given on the letter head of the bidder)

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**Tender No. IITM/MST/2023-24/001/VISUVALIZATIONCHARTS**

**Dated:** \_\_\_\_\_

**CERTIFICATE**

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and hereby certify that I am not from such a country.

**(OR)**

***(Bidders from Country which shares a land border with India)***

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and hereby certify that I am from \_\_\_\_\_ (Name of Country) and have registered with the Competent Authority. I also certify that I fulfil all the requirements in this regard and am eligible to be considered. *(Copy/ evidence of valid registration by the Competent Authority is to be attached)*

**Place:**  
**Date:**

**Signature of the bidder  
Name & Address of the  
Bidder with Office Stamp**

**FORMAT FOR AFFIDAVIT OF SELF-CERTIFICATION UNDER PREFERENCE TO MAKE IN INDIA – PER ITEM****Tender Reference Number: Tender No IITM/MST/2023-24/001/VISUVALIZATIONCHARTS****Name of the item / Service: Supply of “Visuvalization charts / models defining the body functions”**

Date: \_\_\_\_\_

I/We \_\_\_\_\_ S/o, D/o, W/o, \_\_\_\_\_ Resident of \_\_\_\_\_

hereby solemnly affirm and declare as under:

That I will agree to abide by the terms and conditions of the Public Procurement (Preference to Make in India) Policy vide GoI Order no. P-45021/2/2017-PP (B.E.-II) dated 15.06.2017 (subsequently revised vide orders dated 28.05.2018, 29.05.2019 and 04.06.2020) MOCI order No. 45021/2/2017-PP (BE II) Dt.16th September 2020 & P- 45021/102/2019-BE-II-Part(1) (E-50310) Dt.4th March 2021 and any subsequent modifications/Amendments, if any and

That the local content for all inputs which constitute the said item/service/work has been verified by me and I am responsible for the correctness of the claims made therein.

<b>Tick (✓) and Fill the Appropriate Category</b>	
<input type="checkbox"/>	I/We _____ [name of the supplier] hereby confirm in respect of quoted items that Local Content is equal to or more than 50% and come under “ <b>Class-I Local Supplier</b> ” category.
<input type="checkbox"/>	I/We _____ [name of the supplier] hereby confirm in respect of quoted items that Local Content is equal to 20% but less than 50% and come under “ <b>Class-II Local Supplier</b> ” category.

The details of the location (s) at which the local value addition is made and the proportionate value of local content in percentage

Percentage of Local content : \_\_\_\_\_ % \*\*  
 Location at which value addition done : \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

For and on behalf of \_\_\_\_\_ (Name of firm/entity)

Authorized signatory (To be duly authorized by the Board of Directors)

&lt;Insert Name, Designation and Contact No.&gt;

[Note: In case of procurement for a value in excess of Rs. 10 Crores, the bidders shall provide this certificate from statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.]

**This letter should be on the letterhead of the quoting firm and should be signed by a competent authority.**

**\*\* Services such as transportation, insurance, installation, commissioning and training and after sales service support like AMC/CMC cannot be claimed as local value addition.**

(To be given on the letter head of the bidder)

**Self-Declaration that the Service Provider has not been Black listed**

I ..... S/o  
..... R/o ..... police station  
..... District ..... Director / partner /  
sole proprietor (Strike out whichever is not applicable) of .....  
..... (Firm or Company) do hereby declare and solemnly  
affirm:

- I. That the Firm ..... has not been Blacklisted or declared insolvent by any of the Union or State Government / Organization.
- II. That none of the individual / firm / Company Blacklisted or any partners or shareholder thereof has any connection directly or indirectly with or has any subsistence interest in the deponent business / firm company.
- III. That neither the Firm nor any of its partner has been involved / convicted in any criminal case / economic offence nor any criminal case / economic offence is pending against firm or any partner of the Firm before any Court of Law / Police.

**Place:**  
**Date:**

**Signature of the bidder**  
**Name & Address of the**  
**Bidder with Office Stamp**

**OEM CERTIFICATION FORM**  
**(in Original Letter Head of OEM)**

Tender No: ..... Dated: .....

We are Original Equipment Manufacturers (OEM) of..... (Name of the company)  
Ms..... (Name of the vendor) is one of our Distributors / Dealers /  
Resellers / Partners (tick one) for the ..... and is participating in the above  
mentioned tender by offering our product model..... (Name of the product with  
model number).

..... is authorized to bid, sell and provide service support warranty for our product as  
mentioned above.

Name and Signature of the authorized  
Signatory of OEM along with  
seal of the company and Date

**TENDER CHECKLIST****Mandatory to be filled and sent (inside the Technical Bid Cover) along with Bidding Document.**

Tender No: ..... Dated: .....

1.	Technical bid cover duly sealed and marked as “TECHNICAL BID” (Proforma as per Annexure – B)	<input type="checkbox"/>
2.	Financial Bid cover duly sealed and marked as FINANCIAL BID (Proforma as per Annexure – C)	<input type="checkbox"/>
3.	Land Border (as a part of technical bid) (Proforma as per Annexure – D)	<input type="checkbox"/>
4.	Certification of Class I / Class II Local supplier to be submitted (as a Part of technical bid) per item / service / work (proforma as per Annexure – E)	<input type="checkbox"/>
5.	Self Declaration for not been blacklisted (proforma as per Annexure – F)	<input type="checkbox"/>
6.	Authorized agent certificate from OEM is mandatory if Indian agent/Indian office of OEM is participating in this tender on behalf of OEM. (proforma as per Annexure – G)	<input type="checkbox"/>
7.	Supporting documents like catalogue, PO copies, GST, PAN, MSME, etc.	<input type="checkbox"/>

The above documents should be provided for a contractor's bid to be valid. Bidders are asked to supply and tick off the required information. Failure to provide any of the stated documents may result in the bid being considered non-compliant and rejected.

Signature of the Bidder