T D'S	CIPET-INSTITUTE OF PLASTICS TECHNOLOGY (IPT)					
<b>Y</b>	(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)					
CIPET R 4 C	OFFICE ADDRESS - B-27, AMAUSI INDUSTRIAL AREA, LUCKNOW-226008					
	Technical Bid					
TENDER NO	CIPET-IPT/LKO/COLOUR_SPECTROMETER/2020-21/01					
ITEM						
DESCRIPTI ON		COLOUR SPECTROPHOTOMETER				
SI. No.		PARTICULARS				
1						
	Name of the Supplier / Manufacturer					
2	Postal address					
_						
3	Telephone No. with STD code					
4	Fax with STD code					
5	Name of Contact person					
6	Mobile No.					
°,						
7	e-mail ID					
8	BELOW GIVEN DOCUMENTS TO BE SCANNED AND	"YES" OR "NO"				
	UPLOADED IN THE WEBSITE www.tenderwizard.com/CIPET WITHIN THE PERIOD OF					
	SUBMISSION.					
9	Certificates:					
10	i) Registration Certificate if Any, with					
10	DPS/DGS&D/NSIC/MSME					
11	ii) PAN (Permanent Account Number) Registration					
12	iii) Certificate of Registration for GST					
13	<li>iv) Authorization certificate from principal (if not manufacturer)</li>					
14	Commericial Terms for Quoted items (Please Provide					
14	Commercial terms and conditions in the below form)					
15	Validity of offer					
16	Price Shall be firm throught out the currency of contract, in the event of placement of purchase order.					
	the event of placement of purchase order.					
17	Terms of Payment:- i) 90% on submission of the proof of					
	receipt of the machine/equipment at CIPET-IPT, Lucknhow along with original invoice.					
	ii) 10% on submission of the installation report at CIPET-IPT,					
	Lucknow					
18	Price Term (Free Delivery/ Safe Door Delivery)					
40	Delivery period (in doyo)					
19	Delivery period (in days)					
20	Please Indicate the Period of Guaranty / Warranty (Minimum TWO YEARS (2) is required)					
21	QUESTIONNAIRE TO BE FILLED BY BIDDER IN AND					
21	SENT ALONG WITH OFFER DULY SIGNED					
22	Whether All Documents Relating to tender Viewed					
	Scope of Supply (Item wise should be attached in					
	separate sheet)					
	a) Make and Model along with specifiction.					
23	b) List of Standard Accessories to be supplied along with machinery / equipment					
	c) Technical Catalogue / Brochures / Leaflet.					
L						
24	Past Three Years Supplies Details - Simillar Machine					
25	Client Certificate for Past Three Years					
26	Scanned copy of Demand Draft of Tender Fees(Rs.2.950/-)					
27	Bid Security Declartion					
1						

Mather      Incrementation      Incrementation        Notice      Network      Second Secon		Technical Specification			
Model      Model      Beder Specification      Beder Specification        1      Marco Source      Instance solution Workers index to per various index not of various index not		Make	1		
Imm      Specification      Bidde        1      Puppop      To relation colour, Velocities finds as per variable find and the international Standards      International Standard      International Standards					
1  purpose  To results color, Volumes holes as per various holes and here actional formations    2  Applicable Standard  Hard Standard  Hard Standard    3  Light Source  Hole Standard  Hard Standard    3  Light Source  Hard Standard  Hard Standard    4  Volving Aperture  Hard Standard  Hard Standard    5  Lass winding for LAV/SAV  Anomatic  Hard Standard    6  Special Range  60700m  Color, 0.50m,			Specification	Bidder Specification	
2  Applicable Sandard  APSID1925, APTME119, DD 224, APTME116, DD 5035, ISE 2022 a Quee, DD 4000, DD 40000, DD 4000, DD 4000, DD 4000, DD 4000, DD 40000, DD 4000	1		To measure colour, Yellowness Index as per various Indian and		
3  Iqin Samo markan markan seri 175 manangan manangan mangan markan seri 175 mangangan mangan mangan markan seri 175 mangangan mangan ma	2	Applicable Standard	ASTMD-1925, ASTME313, ASTMD 2244, ASTME1164, DIN 5033,		
Faceling Aperture      Small area view 1: 75m, 1:00m, 0:50m, 0:25m 4: 0.13m illumin      Image: 1:15m, 0:75m, 0:00m, 0:25m 4: 0:13m illumin        2      Image: 1:15m, 0:75m, 0:00m, 0:25m 4: 0:13m illumin      Image: 1:15m, 0:75m, 0:00m, 0:25m 4: 0:13m illumin        3      Image: 1:15m, 0:75m, 0:00m, 0:25m 4: 0:13m illumin      Image: 1:15m, 0:75m, 0:00m, 0:25m 4: 0:13m illumin        3      Image: 1:15m, 0:75m, 0:00m, 0:25m 4: 0:13m illumin      Image: 1:15m, 0:75m, 0:00m, 0:25m 4: 0:13m illumin        4      Resolution      Image: 1:15m, 0:75m, 0:00m, 0:25m 4: 0:13m illumin      Image: 1:15m, 0:75m, 0:10m, 0:15m, 0:1	3	Light Source			
Intermediation      Table of the second of the seco	4		Large area view : 1.75 in illuminated, 50mm measured		
5  Lens winkling for LAVSAV  Automatic  Image: Construct Reage  400-700am    6  Spectral Range  400-700am  Image: Construct Reage  Image: Construct Reage    7  Resolution  Colume quivalent triangular  Image: Colume quivalent triangular    9  Photometric Resolution  0.00%  Image: Colume quivalent triangular    10  Photometric Resolution  0.00%  Image: Colume quivalent triangular    11  Light Source  Automatic Viceous Lamp, Filtered to approximate D65 displight  Image: Colume quivalent triangular    13  Lamp Life  I billon Rabed or better  Image: Colume quivalent triangular    14  Automatic Viceous d  420me catoff Rifer for Viceous d& UV Scalation  Image: Colume quivalent triangular    14  Automatic Viceous d  420me catoff Rifer for Viceous d& UV Scalation  Image: Colume quivalent triangular    15  Messenement Finner  23 secoulds (Except Tam ares: Obsc:)  Image: Colume quivalent triangular    16  Calameter Manner Agreement  Air-O 15 (Avg) for 44mm (1.75m)  Image: Colume quivalent triangular    17  Inter Instrument Agreement  Air-O 15 (Avg) for 44mm (1.75m)  Image: Colume quivalent qu		Viewing Aperture			
6      Spectral Rage      400-700m        7      Resolution      -Sam	_				
7  Resolution  <3mn					
8  Effective Hand width  10nm equivalent rinngular    9  Photometric Range  0.150%    10  Photometric Reading  0.05%    11  Light Source  Pulead Xenon Lamp, Filtered to approximate D65 dis/glpth    12  Light Source  Pulead Xenon Lamp, Filtered to approximate D65 dis/glpth    13  Lamp Life  1 billion Tashed or better    14  Automatic UV Control  420nm control filter for UV control & UV Exclusion    15  Messurement Time  <3 seconds. (Except Sam area: ODsc.)					
Image: Construction Range      0.15%      0.15%        10      Photometric Resolution      0.00%      0.00%        11      Light Source      Pulsed Xenon Lamp, Filtered to approximate D65 displight      0.00%        12      Light Source      Pulsed Xenon Lamp, Filtered to approximate D65 displight      0.00%        13      Lamp Life      1 billion flashed or better      0.00%        14      Automatic UV Control      300 me cutoff filter for UV control & UV Exclusion      0.00%        14      Mesurenent Time      <3 seconds. (Except 3nm area:10ac.)					
10      Photometric Resolution      0.00%        11      Light Source      Publed Xenon Lamp, Filtered to approximate D65 daylight      Impaired Source        12      Light Source      Publed Xenon Lamp, Filtered to approximate D65 daylight      Impaired Source        13      Lamp Life      Hild Kenon Lamp, Filtered to approximate D65 daylight      Impaired Source        14      Automatic UV Control      420m countif filter for UV control & UV Exclusion      Impaired Source        15      Maxement Time      -3 seconds. (Keep 3 mm area      Color        16      Calorimetric Repeatability      For white itle AE=0.0.09 for 44mm (1.75m)      Impaired        17      Inter Instrument Agreement      AE=0.15 (Awg) for 44mm (1.75m)      Impaired        17      Inter Instrument Agreement      AE=0.15 (Awg) for 44mm (1.75m)      Impaired        18      Equipment to be supplied with all essential Accessories such as the color Doffset 44mm (1.75m)      Impaired      Impaired        18      Equipment to be supplied with all essential Accessories such as the color books      Impaired      Impaired        19      Color matching software to measure L a, b A xyz      Stable advanced outbuilt with instrument      Impaired      Impaired      Impaired					
light Source      Pulsed Xenon Lamp, Filtered to approximate De5 daylight      ended second Lamp, Filtered to approximate De5 daylight        12      Light Source      Pulsed Xenon Lamp, Filtered to approximate De5 daylight      ended second Lamp, Filtered to approximate De5 daylight        13      Lamp Life      I bilion flashed or better      ended Second Lamp, Filtered to approximate De5 daylight      ended Second Lamp, Filtered to approximate De5 daylight        14      Automatic UV Control      420m could? filter for UV control & UV Exclusion      ended Second Lamp, Filtered to approximate De5 daylight        15      Messurement Time      <3 seconds, (Except 3nm area-IOscc.)					
12    Ligh Source    Pulsed Xenon Lump, Filtered to approximate D65 duffight      13    Lamp Life    1 billion flashed or better    Image: Control of the control & UV Exclusion      14    Astromatic UV Control    420m cutoff filter for UV control & UV Exclusion    Image: Control of the control & UV Exclusion      15    Measurement Time    <3 seconds, (Except 3mm area (Doc.)	10	Photometric Resolution			
13      Lamp Life      1 billion flashed or better        14      Automatic UV Control      420m cutoff filer for UV control & UV Exclusion					
14  Automatic UV Control  420nm cutoff filter for UV control & UV Exclusion  International exclusion    15  Measurement Time  <3 seconds. (Except 3mm area<10sec.)		Light Source			
15  Measurement Time  <3 seconds, (Except 3mm area<10sec.)	13		1 billion flashed or better		
16    Calorimetric Repeatability    For white tile AEF-0.09 for 44mm (1.75in)      17    Inter Instrument Agreement    AE-0.15 (Avg) for 44mm (1.75in)      17    Inter Instrument Agreement    AE-0.15 (Avg) for 44mm (1.75in)      AE-0.15 (Avg) for 44mm (1.75in)    AE-0.15 (Avg) for 44mm (1.75in)      18    Equipment to be supplied with all essential Accessories such as    Calibrated white UV Fluorescent Standard with NIST Traceable      18    Equipment to be supplied with all essential Accessories such as    Other parts like cable adopter, power card etc.      19    Color matching software to measure L, a, b A xyz    Suitable advanced software k manual      20    Other Mandatory Accessories    While supplying the matching the supplied with instrument      20    Other Mandatory Accessories    While supplying the matching software for operation and software for beinstrument operation Bask tool Site Of Sector      20    Other Mandatory Accessories    While supplying the matching the supplier should also provide      Branded PC (if required for operation)    Banded PC (if required for operation)      Branded PC (if required for operation)    Bask colour printer suitable for the instrument operation      19    Color matching software to measure L, a, b A xyz    Suitable advanced software inbuilt with instrument      20    Other Mandat	14	Automatic UV Control	420nm cutoff filter for UV control & UV Exclusion		
Interment      For blue denim tile AE=0.07for 44mm (1.75in).      Image: Contemportance of the contemating software for colorematching & contemportance	15	Measurement Time	<3 seconds. (Except 3mm area<10sec.)		
17    Inter Instrument Agreement    AE<015 (Avg) for 44mm (1.75in)	16	Calorimetric Repeatability	For white tile $\Delta E < 0.0.09$ for 44mm (1.75in)		
18    Equipment to be supplied with all essential Accessories such as    Calibrated white UV Fluorescent Standard with NIST Traceable    Centrificate of Calibration-01      18    Equipment to be supplied with all essential Accessories such as    Calibrated value U Opaque cover-01 No    Image: Colimptot Calibration of Calib			For blue denim tile $\Delta E \le 0.07$ for 44mm (1.75in).		
Image: Construction of the second	17	Inter Instrument Agreement	ΔE<0.15 (Avg) for 44mm (1.75in)		
Image: Provide the supplied with all essential Accessories such as a provide of Calibration-01      Certificate of Calibration-01      Certificate of Calibration-01        Image: Provide the supplied with all essential Accessories such as a provide of the supplied with all essential Accessories such as a provide of the supplied with all essential Accessories such as a provide of the supplied with all essential Accessories such as a provide of the supplied with all essential Accessories such as a provide of the supplied with all essential Accessories such as a provide of the supplied with all essential Accessories and the supplied to the supplied with all essential Accessories and the supplied to the supplied with all essential Accessories and the supplied to the supplied with all essential Accessories and the supplied to the supplied with all essential Accessories and the supplied to t			ΔE<0.36 (Max) for 44mm (1.75in) CIF Lab (Max.)		
18      Equipment to be supplied with all essential Accessories such as      Gass sample cut (2.5in)-04 Nos.      Gass sample cut nolder -01 No. Sample clamp assembly of No.        18      Equipment to be supplied with all essential Accessories such as      Part insert 2.5in class sample cut holder -01 No. Sample clamp assembly of No.      Other parts like cable adopter, power card etc.        18      Equipment to be supplied with all essential Accessories such as      Equipment for the supplied with all essential Accessories such as      Equipment for the supplied with all essential Accessories such as        19      Color matching software to measure L, a, b Δ xyz      Suitable advanced software inbuilt with instrument      Equipment for the supplied with all essential        20      Other Mandatory Accessories      While supplying the matching the supplier should also provide      Ended Colour matching & Colour matching & Colour mothin necessary software including sof		Equipment to be supplied with all essential Accessories such as			
18    Equipment to be supplied with all essential Accessories such as    Part insert 2.5in class sample cut holder -01 No. Sample clamp assembly -01 No.    Other parts like cable adopter, power card etc.      18    Equipment to be supplied with all essential Accessories such as    Other parts like cable adopter, power card etc.    Image: Calibration light Trap      19    Color matching software to measure L, a, b Δ xyz    Suitable advanced software inbuilt with instrument    Image: Calibration light Color parts including software for color matching & Colour primer suitable for the instrument operation of best configuration with necessary software including software for colour matching & Colour primer suitable for the instrument operation Basic tool Kit-01 Set    Image: Calibration light Colour matching & Colour match			Sample cut Opaque cover-01 No		
18    Equipment to be supplied with all essential Accessories such as    -01 No.			Glass sample cut (2.5in)-04 Nos.		
1    1    1    0	19				
Image: set of the set of	10		Other parts like cable adopter, power card etc.		
Image: Problem Section Constraints    Image: Problem Section Constraints    Image: Problem Section Problem Sectin Problem Section Problem Section Problem Section Problem Sectio			Black calibration light Trap		
Image: Problem in the second section of the second sectin of the second section of the second section of the secon			Green check tile		
20  Other Mandatory Accessories  While supplying the matching the supplier should also provide    Branded PC (if required for operation) of best configuration with necessary software for colour matching & Colour printer suitable for the instrument operation  Basic tool Kit-Ol Set    Hard copies of operational & Service Manual-Ol Set  The Machine should come with all other essential  Image: Colour			Suitable advanced software & manual		
Branded PC (if required for operation) of best configuration with necessary software including software for colour matching & Colour printer suitable for the instrument operation Basic tool Kit-01 Set    Image: Colour Hard copies of operational & Service Manual-01 Set      The Machine should come with all other essential    Image: Colour Material Actions and Actions a	19	Color matching software to measure L, a, b $\Delta$ xyz	Suitable advanced software inbuilt with instrument		
necessary software including software for colour matching & Colour  necessary software including software for colour matching & Colour    printer suitable for the instrument operation  Basic tool Sit-01 Set    Basic tool Kit-01 Set  Hard copies of operational & Service Manual-01 Set    The Machine should come with all other essential  Section 1	20	Other Mandatory Accessories	While supplying the matching the supplier should also provide		
Hard copies of operational & Service Manual-01 Set			necessary software including software for colour matching & Colour printer suitable for the instrument operation		
The Machine should come with all other essential			Basic tool Kit-01 Set		
			Hard copies of operational & Service Manual-01 Set		
			The Machine should come with all other essential		
Unsite free operational fraining			Onsite free operational training		