



इंदिरा गांधी शारीरिक शिक्षा एवं खेल विज्ञान संस्थान

(दिल्ली विश्वविद्यालय), बी-ब्लॉक, विकासपुरी, नई दिल्ली - 110018

ईमेल: principal@igipess.du.ac.in: वेबसाइट: www.igipess.du.ac.in

संदर्भ सं० : आईपीआई/2023/03/1230

20.12.2023

21

निदेशक (उच्च शिक्षा निदेशालय)

डी.एच.ई., दिल्ली सरकार, तकनीकी शिक्षा बोर्ड, जी.एफ. ब्लॉक,

टीटीई कॉम्प्लेक्स, मुनि माया मार्ग, पीतमपुरा, दिल्ली- 110034

Sub:- नई परियोजनाओं के अंतर्गत: प्रशासकीय अनुमोदन (A/A) एवं व्यय स्वीकृति (E/S) हेतु

महोदय,

संस्थान के विकास के लिए "नई जरूरी परियोजनाओं" (New Projects) के अंतर्गत निम्नलिखित कार्यों के लिए पीडब्लूडी विभाग से प्राप्त प्रारंभिक अनुमान प्रशासनिक अनुमोदन एवं व्यय स्वीकृति हेतु संलग्न है। प्रत्येक कार्य के बाबत संस्थान की शासी निकाय से अनुमति प्राप्त कर अनुमान के साथ संलग्न की गई है:-

क्रमांक	परियोजना	राशि
1	कार्य का नाम: SITC of Professional audio system along video projection system for 35 nos. classroom at IGIPSS Vikaspuri, New Delhi. (Annex-1)	1,41,84,610/-
2	कार्य का नाम: SITC of Professional audio system along video projection system for 10 nos. interactive board at IGIPSS Vikaspuri, New Delhi (Annex-2)	79,86,080/-
3	कार्य का नाम: SITC of Video System with 65 inch 4k professional display system for Principal Room, New Seminar Hall and Conference Room at IGIPSS Vikaspuri, New Delhi (Annex-3)	36,08,248/-
	कुल	2,57,78,938/-

"नई परियोजनाओं के अंतर्गत," उपरोक्त कार्यों के प्रशासनिक अनुमोदन एवं व्यय स्वीकृति के लिए संस्थान आग्रह करता है।

संस्थान आपसे शीघ्र कार्रवाई की अपेक्षा करता है।

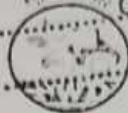
धन्यवाद

संदीप तिवारी
21/12/23
(प्रो.संदीप तिवारी)
प्राचार्य (कार्यवाहक)

इंदिरा गाँधी शारीरिक शिक्षा एवं
खेल विद्यालय संस्थान

आवास अधीक्षण अभियंता
अनुरक्षण परिमंडल (पश्चिम), लो.नि.वि.
हेमवती नंदन बहुगुणा मार्ग,
कर्मपुरा, नई दिल्ली-15
दूरभाष सं०-25100543-44, फैक्स नं० 25100545 स्टाफ्टः
ईमेल-sepwddelhim13@gmail.com

डाकरी : 143
दिनांक : 06/10/23



Annex-

1

Chief Executive Officer
Superintending Engineer
West Circle (West), PWD
Indira Gandhi Bahuguna Marg,
Karmapura, New Delhi-15
Phone No. 25100543-44, Fax No. 25100545
Email: sepwddelhim13@gmail.com

संख्या 23 (191)/पश्चिमअनु०परि०/2023-24/110015

सेवा में,

Sh. Sandeep Tiwari
Principal (Offg.)
Indira Gandhi Institute of Physical Education & Sports
B-Block, Vikaspuri
New Delhi-110018

विषय: SITC of Professional audio system along video projection system for 35 nos. classroom at IGIPSS Vikas Puri, New Delhi.

संदर्भ: आपका कार्यालय पत्र सं. IPE/2023/41364 dt: 14.06.2023

Enclosed please find herewith a preliminary estimate amounting to Rs. 1,41,84,610/- is being sent to your office for accord of A/A & E/S from the competent authority for the above work.

Encl: As above.

अधीक्षण अभियंता
अनुरक्षण परिमंडल (पश्चिम)

प्रतिलिपि:-

- कार्यपालक अभियंता (वै.), वैद्युत मंडल एम-131, रामा रोड, जखीरा, नई दिल्ली को उनके पत्र सं. 20(3)/DB/PWD/EMD/2023-24/2639 dated 23.09.2023 के संदर्भ में सूचनार्थ।
- गार्ड फाईल।

अधीक्षण अभियंता
अनुरक्षण परिमंडल (पश्चिम)

लोक निर्माण विभाग
(दिल्ली सरकार)

STATE: DELHI
BRANCH: E & M

DIVISION: EMD West
SUB DIVISION: EMSD West-13

NAME OF WORK-SITC of professional audio system along video projection system for 35 nos classroom at IGIPESS Vikaspuri, New Delhi.

The Preliminary estimate has been prepared Assistant Engineer (E) P.W.D. Elect. Maint. Sub-Div. West-13, CTI Building, Raja Garden, New Delhi and processed by Executive Engineer (E) PWD EMD West 41, Rama Road, Zakhira, New Delhi for the probable cost of Rs. 1,41,84,610/- i/c contingencies charges & Cess.

REPORT

HISTORY:- This Preliminary Estimate amounting to Rs. 1,41,84,610/- i/c contingencies & labour cess has been framed to cover the cost of above said work. This estimate has been framed as per request received vide letter no. IPE/2023/4/364 dated 14-06-2023. Hence accordingly this estimate has been framed for accord of Administrative Approval & Expenditure Sanction from the Competent Authority

DESIGN & SCOPE - Following provisions have been kept in the estimate: -

1. Provision of 2-way loudspeaker System.
2. Provision of Mixer amplifier 4-16 ohm, with 250W RMS output power, 70V/100V output, USB/Bluetooth Media player.
3. Providing Single chip DLP Technology projector with 4000 lumens brightness.
4. Provision of High Performance Digital Wireless dual Lapel combo microphone system.
5. Provision of HDMI to HDMI cable and 20 mm medium class PVC conduit along with accessories.

METHOD
COST
RATE
TIME

- Through call of Tender
- Rs. 1,41,84,610/-
- Market/DSR-2022
- 1 Month

A. Kumar
सहायक अभियंता (वेधुता)
लो.नि.वि., उपमंडल/पश्चिम-१३
ग्र. टी. आई. बिल्डिंग, राजा गार्डन,
नई दिल्ली -27

A. Kumar
सहायक अभियंता (वेधुता) (यो०)
लो.नि.वि. पश्चिम(वे.) मंडल
41, रामा रोड, जखीरा,
नई दिल्ली -15.

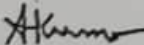
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कार्यपालक अभियंता (वेधुता)
लो.नि.वि. पश्चिम(वे.) मंडल
41, रामा रोड, जखीरा,
नई दिल्ली -15.

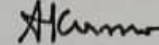
PRELIMINARY ESTIMATE

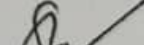
Work: SITC of professional audio system along video projection system for 35 nos classroom at IGIPSS Maspur, New Delhi.

S.N.	Description of Item	Qty.	Rate	Unit	Amount	
1	Supply, Installation, Testing and Commissioning of 2-way loudspeaker System with minimum 5.25" Polypropylene woofer with rubber surround, HF: - 0.5" tweeter, Max SPL 104db /1m (peak) or better, with continuous RMS power of 40 - 50 watt RMS with programme power of 80- 100 watt RMS & peak power of 160 - 200 watt RMS, with sensitivity of 88dB or better, Frequency Responce - 80Hz - 20kHz, Nominal Impedance : 8 ohms / 100V, Tapping 2W, 4W, 8W & 16W selectable via rotary switch nominal, High Quality, ABS with rust proof aluminum grille with wall mount bracket.	70	No.	25,526.00	Each	17,86,820.00
2	Supply, Installation, Testing and Commissioning of Mixer amplifier 4-16 ohm, with 250W RMS output power, 70V/100V output, USB/Bluetooth Media player, 6 zones available, 2 Aux and 3 microphone inputs, Alarm signal & evacuation signal for emergency, Chime for public address, Frequency Response: ±0.1 dB from 20 Hz to 20 kHz at 1 watt, Total Harmonic Distortion: 0.05%, Intermodulation Distortion: <0.35% (60Hz and 7kHz at 4:1, from full rated output to -30dB, Signal-to-Noise Ratio: >80dB, CMRR (20 Hz to 1 kHz): > 55 dB, typically > 70 dB, Crosstalk: > 80 dB (below rated power, 20 Hz to 1 kHz), Damping Factor: >800 from 10 Hz to 400 Hz, 12/24V output for broadcast emergency announcement, toroidal transformer, 3-pin Combo XLR, RCA.	35	Nos.	1,05,839.00	Each	37,04,365.00
3	Supply, Installation, Testing and Commissioning of Single chip DLP Technology projector with 4000 lumens brightness and native resolution SVGA (800 X 800), Contrast Ratio: 15000:1, Lamp Life: 5500 Hrs (Normal) / 10000 Hrs (Dynamic), Throw Ratio: 1.96 - 2.35, Image Size: 40" - 300", Projection Lens: F=2.42 - 2.62, f=22.5 - 25.79mm, Zoom Ratio: 1.2x, Native Aspect Ratio: 4:3, Speaker: 2W (mono), I/O Connection: HDMI v1.4b (x2) HDCP v1.4 Compliant), Composite video, S Video, VGA-In (Mini Jack), VGA-Out, Audio Out (Mini Jack), RS232, USB (Service), etc complete as required.	35	Nos.	80,935.00	Each	28,32,725.00
4	Supply, Installation, Testing & Commissioning of Projector bracket, complete as required	35	Nos.	5,603.00	Each	1,96,105.00
5	Supply, Installation, Testing and Commissioning of 6 x 8 manual screen with spring action feature screen etc complete as reqd.	35	Nos.	37,355.00	Each	13,07,425.00

	Supply, Installation, Testing and Commissioning of High Performance Digital Wireless dual Lapel combo microphone system, 200 selectable frequencies, True Diversity dual receiver, Two receivers in 1U rack mount frame, Two Dynamic wireless handheld transmitter microphones, Long range low power consumption,	35	Nos.	66,616.00	Each	23,31,560.00
7	SITC of 18U pre-wired Audio Equipment's Rack front lockable glass door, fan tray for cooling, caster wheels base, main panel with spike buster, individual fuse power supply unit, including all internal wiring, etc as required.	35	Nos.	29,884.00	Each	10,45,940.00
8	Supply Laying & Fixing of of Microphone lines high grade, professional low-noise, 2 core high conductivity PVC insulated in PVC jacket, shielded copper cable with Dielectric insulator both end with XLR m/f connector as required.	700	Mtrs.	93.00	Mtr	65,100.00
9	Supply Laying & Fixing of speaker b lines: 2 core, 1.5 sq mm high defintion speaker cable, PVC insulated in PVC jacket laid in existing conduits as reqd.	700	Mtrs.	131.00	Mtr	91,700.00
10	Supply, Installation, Testing and Commissioning of HDMI to HDMI cable 15 Mtr etc. as reqd.	35	Nos.	15,564.00	Each	5,44,740.00
11	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.					
11.01	20 mm	1400	Mtrs.	128.00	Mtr	1,79,200.00
	Total					13906480.00
	Add. Contingencies + Cess @ 2%					278129.60
	Total					14184609.60
	Say Rs.					14184610.00


 सहायक अभियंता (वेधुत)
 लो.नि.वि., उपमंडल पश्चिम-१३
 सी. टी. आई. बिल्डिंग, राजा गार्डन,
 नई दिल्ली -27


 सहायक अभियंता (वेधुत)(यो)
 लो.नि.वि. पश्चिम(वे.) मंडल
 41, रामा रोड, जखीरा,
 नई दिल्ली -15.


 कार्यपालक अभियंता (वेधु)
 लो.नि.वि. पश्चिम(वे.) मंडल
 रामा रोड, जखीरा
 नई दिल्ली -15.

Indira Gandhi Institute of Physical Education & Sports Sciences
(University of Delhi), B-Block, Vikaspuri, New Delhi – 110018, Email: principal@igipess.du.ac.in : Website:
www.igipess.du.ac.in

Date: 14.06.2023

Ref. No. IPE/2023/41364

The Executive Engineer (E)
West Electric Division (M-131(N))
PWD, 41, Rama Road
New Delhi – 110015
(Email: eepwddelhim131@gmail.com)

Sub.: Request for the estimate of Multimedia Projector & others for Classrooms

Dear Sir,

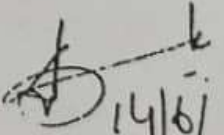
Kindly provide the estimate of the following items, required for teaching in the classrooms.

Sr. No.	Item	Qty	Remarks
1	Multimedia Projector	35	History sheet is attached
2	Screen	33	
3	Speakers for classrooms (to connect with the projectors for proper sound in the classrooms)	66	
4	Multimedia Screen (associated with Multimedia Projector)	06	
5	Speaker (Column) for hall	20	
6	Projector Screen motor based	02	

You are therefore, requested to provide the estimate after inspecting the locations provided in the history sheet at the earliest possible so that the same may be forwarded to Directorate of Higher Education for A/A & E/S.

Thanking you,

Yours sincerely,


(Prof. Sandeep Tiwari)
Principal (Offi)

Copy to:-

1. AE(E), West Electric Division (M-131(N)), PWD, 41, Rama Road, New Delhi – 110015

INDIRA GANDHI INSTITUTE OF PHYSICAL EDUCATION & SPORTS SCIENCES
(UNIVERSITY OF DELHI)

MINUTES OF THE
ONE HUNDRED & TENTH (110th) MEETING
OF THE GOVERNING BODY

DATED: 07TH OCTOBER, 2023 (SATURDAY)

VENUE:

NEW CONFERENCE ROOM,
INDIRA GANDHI INSTITUTE OF PHYSICAL EDUCATION & SPORTS SCIENCES
B-BLOCK, VIKASPURI, NEW DELHI-110018

ITEM NO.2e) To consider and approve the preliminary Estimate amounting to Rs.1,41,84,610/- for SITC of professional audio system along video projection system for 35 nos. classroom as submitted by the PWD (Appendix-V).

Resolution : The Governing Body considered and approved the preliminary Estimate amounting to Rs.1,41,84,610/- for SITC of professional audio system along video projection system for 35 nos. classroom as submitted by the PWD.

प्रो. संदीप तिवारी/Prof. Sandeep Tiwari
प्राचार्य (कार्यवाहक)/Principal (Officiating)
इन्दिरा गांधी शारीरिक शिक्षा एवं खेल विज्ञान संस्थान
Indira Gandhi Institute of Physical
Education & Sports Sciences
(दिल्ली विश्वविद्यालय/University of Delhi)
बी-ब्लॉक, विक्रमपुरी, नई दिल्ली-110018
B-Block, Vikaspuri, New Delhi-110018

संदीप तिवारी
29/12/23

कार्यपालक अभियन्ता (वै०)

वैद्युत मण्डल (एम-131 एन)

10वि०, 41, रामा रोड, नई दिल्ली-110015

साष नं० - 25459518, फ़ैक्स नं० - 25459519

ई-मेल: eepwddelhim131@gmail.com



O/o The Executive

West Electrical Div

PWD, 41, Rama Road, New

Delhi, Phone No. 25459518 & 25459519

E-mail : eepwddelhim131@gmail.com

दिनांक:

Amex

2

10/3

सेवा में,

Dr. Sandeep Tiwari,
Principal (Officiating),
Indira Gandhi Institute of Physical Education
& Sports Sciences,
University of Delhi,
B-Block, Vikas Puri,
New Delhi-110018

इंदिरा गॉंधी शारीरिक शिक्षा एवं
खेल विज्ञान संस्थान

डायरी : 137

दिनांक : 26/09/2023

हस्ताक्षर: Mien

आवश्यक कार्यवाही हेतु
प्रति.अधि./अनु.अधि.(प्र.)/अनु.अधि./विद्युत/मंत्रालय/नया/स/

पुस्तकालय अध्यक्ष/प्रभारी, धन व्ययकार विभाग
प्रो.धं. अमित शर्मा

सं. 7
प्रकाश
26/9/23

विषय:- Preliminary Estimate.

कार्य का नाम :- SITC of Professional audio system along video projection
system for 10 nos. interactive board at IGIPSS Vikas Puri, New Delhi.

उपरोक्त कार्य के प्रारम्भिक अनुमान की एक प्रति जिसकी लागत रु 79,86,080/- है,
सक्षम अधिकारी द्वारा प्रशासनिक अनुमोदन एवं व्यय स्वीकृति (A/A & E/S) हेतु आपके कार्यालय
को प्रेषित की जा रही है। कार्य की आवश्यकता को History Sheet में स्पष्ट कर दिया गया है।

कृपया स्वीकृत अनुमान की एक प्रति इस कार्यालय को अतिशीघ्र भेजें ताकि अग्रिम कार्रवाई
की जा सके।

संलग्न:- उपरोक्तानुसार।

कार्यपालक अभियन्ता (वै०),
पश्चिम वैद्युत मण्डल, लो०नि०वि०
नई दिल्ली

प्रतिलिपि:-

1- सहायक अभियन्ता(वै०), लो०नि०वि०, उपमण्डल WE-13 नई दिल्ली।

कार्यपालक अभियन्ता (वै०)

लोकनिर्माणविभाग
(दिल्ली सरकार)

STATE: DELHI
BRANCH: E & M

DIVISION: EMD West
SUB DIVISION: EMSD West-13

NAME OF WORK: SITC of professional audio system along video projection system for 10 nos Interactive Board at IGIPESS Vikaspuri, New Delhi.

The Preliminary estimate has been prepared Assistant Engineer (E) P.W.D. Elect. Maint. Sub-Div. West-13, CTI Building, Raja Garden, New Delhi and processed by Executive Engineer (E) PWD EMD West 41, Rama Road, Zakhira, New Delhi for the probable cost of Rs. 79,86,080/- i/c contingencies charges & Cess.

REPORT

HISTORY:- This Preliminary Estimate amounting to Rs. 79,86,080/- i/c contingencies & labour cess has been framed to cover the cost of above said work. This estimate has been framed as per request received vide letter no. IPE/2023/04/362 dated 15-06-2023. Hence accordingly this estimate has been framed for accord of Administrative Approval & Expenditure Sanction from the Competent Authority

DESIGN & SCOPE - Following provisions have been kept in the estimate: -

1. Provision of 2-way loudspeaker System.
2. Provision of Mixer amplifier 4-16 ohm, with 250W RMS output power, 70V/100V output, USB/Bluetooth Media player.
3. Providing Single chip DLP Technology projector with 4000 lumens brightness.
4. Provision 82" Interactive Board with, Black, blue, red and green pens.
5. Provision SITC of High Performance Digital Wireless dual handheld combo microphone system.
6. SITC of AI Tracking Video Conferencing Solution with Camera.

METHOD - Through call of Tender.
COST - Rs. 79,86,080/-
RATE - Market/DSR-2022
TIME - 1 Month

Atkumar
सहायक अभियंता (विद्युत)
लो.नि.वि., उपमंडल पश्चिम-१३
सी. टी. आई. बिल्डिंग, राजा गार्डन,
नई दिल्ली -27

Atkumar
सहायक अभियंता (विद्युत) (पौ.)
लो.नि.वि. पश्चिम(वे.) मंडल
41, रामा रोड, जखीरा,
नई दिल्ली -15.

S. S. S.
कार्यपालक अभियंता (विद्युत)
लो.नि.वि. पश्चिम(वे.) मंडल
41, रामा रोड, जखीरा,
नई दिल्ली -15.

PRELIMINARY ESTIMATE

Work: SITC of professional audio system along video projection system for 10 nos Interactive Board at IGIPSS Vikaspuri, New

	Description of Item	Qty.		Rate	Unit	Amount	Remarks
	Supply of 2-way loudspeaker System with minimum 8" Polypropylene woofer with rubber surround, HF - 1" tweeter, Max SPL 115.5db /1m (peak) or better, with continuous RMS power of 100 - 150 watt RMS with programme power of 200- 300 watt RMS & peak power of 400 - 600 watt RMS, with sensitivity of 96dB or better, Frequency Response - 45Hz - 20kHz, Nominal Impedance : 8 ohms / 100V, Tapping 6.25W, 12.5W, 25W & 50W selectable via rotary switch nominal, High Quality, ABS with rust proof aluminum grille with wall mount bracket.	20	Nos.	50,553.00	Each	10,11,060.00	MR
2	Supply of Mixer amplifier 4-16 ohm, with 250W RMS output power, 70V/100V output, USB/Bluetooth Media player, 6 zones available, 2 Aux and 3 microphone inputs, Alarm signal & evacuation signal for emergency, Chime for public address, Frequency Response: ±0.1 dB from 20 Hz to 20 kHz at 1 watt, Total Harmonic Distortion: 0.05%, Intermodulation Distortion: <0.35% (60Hz and 7kHz at 4:1, from full rated output to -30dB, Signal-to-Noise Ratio: >80dB, CMRR (20 Hz to 1 kHz): > 55 dB, typically > 70 dB, Crosstalk: > 80 dB (below rated power, 20 Hz to 1 kHz), Damping Factor: >800 from 10 Hz to 400 Hz, 12/24V output for broadcast emergency announcement, toroidal transformer, 3-pin Combo XLR, RCA.	10	Nos.	1,05,839.00	Each	10,58,390.00	MR
3	SITC of Single chip DLP Technology projector with 4000 lumens brightness and native resolution XGA (1024 X 768), Contrast Ratio: 20000:1, Lamp Life: 5500 Hrs (Normal) / 10000 Hrs (Dynamic), Throw Ratio: 1.94 - 2.33, Image Size: 40" - 300", Projection Lens: F=2.42 - 2.62, f=22.5 - 25.79mm, Zoom Ratio: 1.2x, Native Aspect Ratio: 4:3, Speaker: 2W (mono), I/O Connection: HDMI v1.4b (x2), HDCP v1.4 Compliant), Composite video, S Video, VGA-In (Mini Jack), VGA-Out, Audio Out (Mini Jack), RS232, USB (Service), etc complete as required.	10	Nos.	93,387.00	Each	9,33,870.00	MR
4	Supply, Installation, Testing & Commissioning of 82" Interactive Board with, Black, blue, red and green pens, and a rectangular eraser, Touch resolution is approximately 4000 x 4000, Features Ceramic Surface, Pen and Finger Touch, Input Type Finger Touch, Power Supply Through USB, Touch Points 16, projection, compatible, with dry-erase markers and easily cleaned with whiteboard cleaner. USB Cable, Power Consumption <150 W, Wall Mount, Dummy Pens, Software and Driver CD, etc complete as required.	10	Nos.	93,387.00	Each	9,33,870.00	MR
5	SITC of High Performance Digital Wireless dual handheld combo microphone system, 200 selectable frequencies, True Diversity dual-receiver, Two receivers in 1U rack mount frame, Two Dynamic wireless handheld transmitter microphones, Long range low power consumption, etc complete as required.	10	Nos.	64,126.00		6,41,260.00	MR

	of High Performance Digital Wireless dual Lapel microphone system, 200 selectable frequencies, Diversity dual receiver, Two receivers in 1U rack mount frame, Two Dynamic wireless handheld transmitter microphones, Long range low power consumption, etc complete as required.	10	Nos.	66,616.00		6,66,160.00	MR
	SITC of HDMI to HDMI cable 15 Mtr etc: as reqd.	10	Nos.	15,564.00	Each	1,55,640.00	MR
8	SITC of 18U pre-wired Audio Equipment's Rack front lockable glass door, fan tray for cooling, caster wheels base, main panel with spike buster, individual fuse power supply unit, including all internal wiring, etc as required.	10	Nos.	29,884.00	Each	2,98,840.00	MR
9	Supplying and laying of shielded CAT 6, STP cable along with compatible connectors in the existing surface / recessed steel / PVC as required.	400	Mtrs.	93.00	Mtr	37,200.00	MR
10	Supply Laying & Fixing of of Microphone lines high grade, professional low-noise, 2 crore high conductivity PVC insulated in PVC jacket, shielded copper cable with Dielectric insulator both end with XLR m/f connector as required.	400	Mtrs.	93.00	Mtr	37,200.00	MR
11	Supply Laying & Fixing of speaker b lines: 2 core, 1.5 sq mm high defintion speaker cable, PVC insulated in PVC jacket laid in existing conduits as reqd.	400	Mtrs.	131.00	Mtr	52,400.00	MR
12	Supply, Installation, Testing and commissioning of AI Tracking Video Conferencing Solution with Camera: IMAGE SENSOR- 1/3 INCH CMOS SENSOR, VIDEO CAPTURE RESOLUTION- 2K HD UPTO 2560*1440, VIDEO FORMAT- MJPEG:1080P@30FPS,2560*1440@30FPS, ANGLE OF VIEW- 90°, WHITE BALANCE- Auto, WIDE DYNAMIC RANGE(WDR)- Support, DIGITAL ZOOM- 3X (AUTO ZOOM IN AND ZOOM OUT), HUMAN TRACKING- Support, GESTURE RECOGNITION-SUPPORT (TRACKING ON / TRACKING OFF), BRIGHTNESS, CONTRAST ADJUSTMENT, ETC.- Support, INSTALLATION DISTANCE FROM BOARD- 1.5-3 METERS, MOUNTING- Ceiling Suspended, PAN / TILT ANGLES- 355 / 140 DEGREES, PC OS- ANDROID8.0, MAC OS 10.10, WINDOWS 7 OR LATER, INTERFACE- USB 2.0 (DRIVER FREE), CONNECTIVITY TECHNOLOGY- USB VIDEO DEVICE CLASS (UVC), IR REMOTE Included, WIRELESS LAVALIER Microphone, FREQUENCY 5.8 GHz, VOICE PICKUP 1 METER, AMBIENT NOISE SUPPRESSION IN BUILT, etc complete as required.	10	Sets	1,85,000.00	Each	18,50,000.00	MR
	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.						DSR-22
	20 mm	1200	Mtrs.	128.00	Mtr	1,53,600.00	1.21.1
	Total					7829490.00	
	Add. Contingencies + Cess @ 2%					156589.80	
	Total					7986079.80	
	Say Rs.					7986080.00	

Handwritten signature

सहायक अभियंता (विद्युत)
लो.नि.वि., उपमंडल पश्चिम-१३
सी. टी. आई. बिल्डिंग, राजा गार्डन,
नई दिल्ली -27

Handwritten signature

सहायक अभियंता (विद्युत)(यो०)
लो.नि.वि. पश्चिम(वे.) मंडल
41, रामा रोड, जखीरा,
नई दिल्ली -15.

Handwritten signature

कार्यपालक अभियंता (विद्युत)
लो.नि.वि. पश्चिम(वे.) मंडल
41, रामा रोड, जखीरा,
नई दिल्ली -15.

Handwritten signature
TELE

Indira Gandhi Institute of Physical Education & Sports Sciences
(University of Delhi), B-Block, Vikaspuri, New Delhi – 110018, Email: principal@igipess.du.ac.in : Website: www.igipess.du.ac.in

Ref. No. IPE/2023/04/362

Date: 15.06.2023

The Executive Engineer (E)
West Electric Division (M-131(N))
PWD, 41, Rama Road
New Delhi – 110015
(Email: eepwddelhim131@gmail.com)

Sub.: Request for the estimate of Interactive Multimedia Board

Dear Sir,

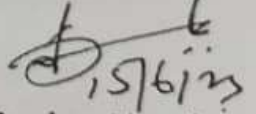
Kindly provide the estimate of the following item:-

Sr. No.	Item	Qty	Remarks
1	Interactive Multimedia Board	10	History sheet is attached
2.	Speaker associated with the Interactive Board	20	

You are therefore, requested to provide the estimate after inspecting the locations provided in the history sheet at the earliest possible so that the same may be forwarded to Directorate of Higher Education for A/A & E/S.

Thanking you,

Yours sincerely,


(Prof. Sandeep Tiwari)
Principal (Offg.)

Copy to:-

1. AE(E), West Electric Division (M-131(N)), PWD, 41, Rama Road, New Delhi – 110015

INDIRA GANDHI INSTITUTE OF PHYSICAL EDUCATION & SPORTS SCIENCES
(UNIVERSITY OF DELHI)

MINUTES OF THE
ONE HUNDRED & TENTH (110th) MEETING
OF THE GOVERNING BODY

DATED: 07TH OCTOBER, 2023 (SATURDAY)

VENUE:

NEW CONFERENCE ROOM,
INDIRA GANDHI INSTITUTE OF PHYSICAL EDUCATION & SPORTS SCIENCES
B-BLOCK, VIKASPURI, NEW DELHI-110018

ITEM NO.2d) To consider and approve the preliminary Estimate amounting to Rs.79,86,080/- for SITC of professional audio system along video projection system for 10 nos. Interactive Board as submitted by the PWD (Appendix-IV).

Resolution : The Governing Body considered and approved the preliminary Estimate amounting to Rs.79,86,080/- for SITC of professional audio system along video projection system for 10 nos. Interactive Board as submitted by the PWD.

प्रो. संदीप तिवारी/Prof. Sandeep Tiwari
प्राचार्य (कार्यवाहक)/Principal (Officiating)
इन्दिरा गान्धी शारीरिक शिक्षा एवं खेल विज्ञान संस्थान
Indira Gandhi Institute of Physical
Education & Sports Sciences
(दिल्ली विश्वविद्यालय/University of Delhi)
बी-ब्लॉक, विकासपुरी, नई दिल्ली-110018
B-Block, Vikaspuri, New Delhi-110018

संदीप तिवारी
28/10/23

कार्यालय कार्यपालक अभियन्ता (वै०)
पश्चिम वैद्युत मण्डल (एम-131 एन)
लो०नि०वि०, 41, रामा रोड, नई दिल्ली-110015
दूरभाष नं० - 25459518, फैक्स नं० - 25459519
ई-मेल: ecpwddelhim131@gmail.com



BY SPEED POST

O/o The Executive Engineer (M-131)
West Electrical Division (M-131)
PWD, 41, Rama Road, New Delhi-110015
Phone No. 25459518 & Fax No. 25459519
E-mail : ecpwddelhim131@gmail.com

पत्रांक:- 20(1)/D.B./P.E./PWD WED/2023-24/ 2546

दिनांक: 14/09

Annex

3

सेवा में,

Prof. Sandeep Tiwari,
Principal (Officiating),
Indira Gandhi Institute of Physical Education
& Sports Sciences,
University of Delhi,
B-Block, Vikas Puri,
New Delhi-110018

प्रदत्त माॅर्ची शारीरिक शिक्षा एवं खेल विज्ञान संस्थान
आवश्यक कार्यवाही हेतु
प्रशा.अधि./अनु.अधि.(प्र.)/अनु.अधि.(विद्यालयी) विज्ञान
पुरतकालय अजयपुरा, एन.डी.ए.ए.ए.ए.

प्रो.डॉ.
शा.श. विद्यालय कार्यवाही
के लिए

उ.नि.
प्र.अ.अ.
25/09/23

विषय:- Preliminary Estimate.

कार्य का नाम :- SITC of Video System with 65 inch 4k professional display system for Principal Room, New Seminar hall and conference room at IGIPESS Vikas Puri, New Delhi.

उपरोक्त कार्य के प्रारम्भिक अनुमान की एक प्रति जिसकी लागत रु 36,08,248/- है, सक्षम अधिकारी द्वारा प्रशासनिक अनुमोदन एवं व्यय स्वीकृति (A/A & E/S) हेतु आपके कार्यालय को प्रेषित की जा रही है। कार्य की आवश्यकता को History Sheet में स्पष्ट कर दिया गया है।

कृपया स्वीकृत अनुमान की एक प्रति इस कार्यालय को अतिशीघ्र भेजें ताकि अग्रिम कार्रवाई की जा सके।

संलग्न:- उपरोक्तानुसार।

कार्यपालक अभियन्ता (वै०),
पश्चिम वैद्युत मण्डल, लो०नि०वि०
नई दिल्ली

प्रतिलिपि:-

1- सहायक अभियन्ता(वै०), लो०नि०वि०, उपमण्डल WE-13, नई दिल्ली।

इंदिरा गाँधी शारीरिक शिक्षा एवं
खेल विज्ञान संस्थान

आयरी : 126

दिनांक : 18/09/2023

आवकः 18/09/23

कार्यपालक अभियन्ता (वै०)

लोकनिर्माणविभाग
(दिल्ली सरकार)

STATE: DELHI
BRANCH: E & M

DIVISION: EMD West
SUB DIVISION: EMSD West-13

NAME OF WORK-SITC of Video system with 65 inch 4k professional display system for Principal Room, New Seminar hall and Conference Room at IGIPSS VIKASPURI, New Delhi.

The Preliminary estimate has been prepared Assistant Engineer (E) P.W.D. Elect. Maint. Sub-Div. West-13, CTI Building, Raja Garden, New Delhi and processed by Executive Engineer (E) PWD EMD West 41, Rama Road, Zakhira, New Delhi for the probable cost of Rs. 36,08,248/- i/c contingencies charges & Cess.

REPORT

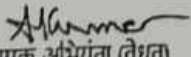
HISTORY:- This Preliminary Estimate amounting to Rs. 36,08,248/- i/c contingencies & labour cess has been framed to cover the cost of above said work. This estimate has been framed as per request received vide letter no. IPE/2023/4/363 dated 14-06-2023. Hence accordingly this estimate has been framed for accord of Administrative Approval & Expenditure Sanction from the Competent Authority

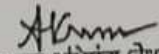
DESIGN & SCOPE - Following provisions have been kept in the estimate: -


1. Provision of 65 inch 4k professional display system.
2. SITC of multi point Video Conferencing System.
3. SITC of HDMI 1.5 Cable.

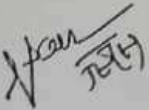
**METHOD
COST
RATE
TIME**

- Through call of Tender
- Rs. 36,08,248/-
- Market/DSR-2022
- 1 Months


सहायक अभियंता (वेधुत)
लो.नि.वि. उपमंडल पश्चिम-१३
सी. टी. आई. बिल्डिंग, राजा गार्डन,
नई दिल्ली -27


सहायक अभियंता (वेधुत) (पो०)
लो.नि.वि. पश्चिम(वे.) मंडल
41, रामा रोड, जखीरा,
नई दिल्ली -15.


कार्यपालक अभियंता (वेधुत)
लो.नि.वि. पश्चिम(वे.) मंडल
41, रामा रोड, जखीरा,
नई दिल्ली -15.


जब

PRELIMINARY ESTIMATE

of Work: SITC of Video system with 65 inch 4k professional display system for Principal Room, New Seminar and Conference Room at IGIPSS Vikaspuri, New Delhi.

No.	Description of Item	Qty.	Rate	Unit	Amount	
1	Suply, Installation, Testing and Commissioning of 65- inch Displar, Resolution 3840 x 2160 , Aspect ratio 16:9, Blue Light Filter, Static Contrast Ratio 4000:1 or better ,Brightness(Typical) 500nit , Viewing angle (H/V) 178/178, H-Scanning Frequency 30 ~ 81kHz, V-Scanning Frequency 48 ~ 75HZ, Maximum Pixel Frequency 594MHz, HDMI In x 2, DP In- Yes, DVI In x 1, USB x 2, IR In- Yes, Audio In- Yes, Audio Out Stereo Mini Jack Video Out- Yes, RS232 In- Yes, RS232 Out- Yes, RJ45 In- Yes, WiFi- Yes, Bluetooth- Yes, Power Supply AC100-240V 50/60Hz, Power Consumption (On Mode) 181.5W, Temperature 0°C- 40°C, Humidity 10 ~ 80%, etc complete as required.	3	Nos.	186774.00	Each	560322.00
2	Suply, Installation, Testing and Commissioning of multi point Video Conferencing System with Maximum resolution 3840 x 2160 progressive scanning up to 30 frames per second, 16:9 aspect ratio, 2, Presentation data sharing up to 3840 x 2160p302 Multiple HD resolutions supported , Bitrates and resolutions (H.264 High Profile):, 600 Kbps (720p30) 1.2 Mbps (1080p30), 6 Mbps (4K)H.264 High Profile, H.264 Constrained Baseline Profile, Ability to disable HTTP, SSH services, TLS/DTLS/SRTP support, Security Slot etc as reqd.	3	Nos.	971224.00	Each	2913672.00
3	Supply, Installation , Testing and Commissioning of HDMI to HDMI cable 1.5 Mtr etc. as reqd.	6	Nos.	4358.00	Each	26148.00
4	Supply, Installation , Testing and Commissioning of HDMI to HDMI cable 10 Mtr etc. as reqd.	3	Nos.	12452.00	Each	37356.00
	Total					3537498.00
	Add. Contingencies + Cess @ 2%					70749.96
	Total					3608247.96
	Say Rs.					3608248.00

AKumar
 सहायक अभियंता (विद्युत)
 लो.नि.वि., उपमंडल पश्चिम-१३
 सी. टी. आई. बिल्डिंग, राजा गार्डन,
 नई दिल्ली -27

AKumar
 सहायक अभियंता (विद्युत)(गो०)
 लो.नि.वि. पश्चिम(वे.) मंडल
 41, रामा रोड, जखीरा,
 नई दिल्ली -15.

AKumar
 कार्यपालक अभियंता (विद्युत)
 लो.नि.वि. पश्चिम(वे.) मंडल
 41, रामा रोड, जखीरा,
 नई दिल्ली -15.

V. Kal
 जरे(र)

INDIRA GANDHI INSTITUTE OF PHYSICAL EDUCATION & SPORTS SCIENCES
(UNIVERSITY OF DELHI)

MINUTES OF THE
ONE HUNDRED & TENTH (110th) MEETING
OF THE GOVERNING BODY

DATED: 07TH OCTOBER, 2023 (SATURDAY)

VENUE:

NEW CONFERENCE ROOM,
INDIRA GANDHI INSTITUTE OF PHYSICAL EDUCATION & SPORTS SCIENCES
B-BLOCK, VIKASPURI, NEW DELHI-110018

ITEM NO.2c) To consider and approve the preliminary Estimate amounting to Rs.36,08,248/- for SITC of Video System with 65 inch 4k professional display system for Principal Room, New Seminar Hall and Conference Room as submitted by the PWD (Appendix-III).

Resolution : The Governing Body considered and approved the preliminary Estimate amounting to Rs.36,08,248/- for SITC of Video System with 65 inch 4k professional display system for Principal Room, New Seminar Hall and Conference Room as submitted by the PWD.

प्रो. संदीप तिवारी/Prof. Sandeep Tiwari
प्राचार्य (कार्यवाहक)/Principal (Officiating)
इन्दिरा गांधी शारीरिक शिक्षा एवं खेल विज्ञान संस्थान
Indira Gandhi Institute of Physical
Education & Sports Sciences
(दिल्ली विश्वविद्यालय/University of Delhi)
बी-ब्लॉक, विकासपुरी, नई दिल्ली-110018
B-Block, Vikaspuri, New Delhi-110018