



MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
BADAL ROAD, BATHINDA-151001, PUNJAB (INDIA)
(Established by Punjab Govt. vide Punjab Act No. 5 of 2015 & Under Section 2(f) of the UGC Act of 1956)

Agenda

of

12th Meeting of Tender Finalization Committee

Venue: Conference Room

**Maharaja Ranjit Singh Punjab Technical University,
Bathinda**

November 17, 2018 At 11:00 AM

Tender Finalization Committee Members

Sr. No.	Name of Committee Members	Designation
1.	Sh. Rajinder Mittal, C.M.D. Bathinda Chemicals Ltd. Bathinda & Member, BOG, MRSPTU, Bathinda	Member
2.	Dr. J.S. Hundal, Registrar, MRSPTU, Bathinda	Member
3.	Superintendent Engineer, PWD (B&R), Construction Circle, Bathinda	Member
4.	Prof. G.S. Bath, Civil Engg. Deptt., GZSCCET, Bathinda.	Member
5.	Prof. Sanjay Bhatnagar, Director, IT Enabled Services, MRSPTU, Bathinda.	Member
6.	Er. J.S. Sidhu, Xen. Estate Deptt. MRSPTU, Bathinda	Member
7.	Sh. Subhash Bansal, Finance Officer, MRSPTU, Bathinda	Member
8.	Sh. Subhash Kashyap, Senior Asstt. (S&P), GZSCCET, Bathinda	Member
9.	Prof. Karanvir Singh, Controller of Examinations.	Special Invitee
10.	Dr. Seema Sharma, Head, Applied Chemistry Deptt.	Special Invitee
11.	Dr. Sandeep Kansal, Head, Applied Physics Deptt.	Special Invitee
12.	Dr. Balwinder Singh, Head, Mechanical Engg. Deptt.	Special Invitee
13.	Dr. Manjeet Bansal, Head, Civil Engg. Deptt.	Special Invitee
14.	Dr. Devanand Uttam, Head, Textile Engg. Deptt.	Special Invitee
15.	Ar. Ripudaman Singh, Head, Architecture Deptt.	Special Invitee
16.	Dr. Amit Manocha, Director, PIT, GTB Garh (Moga)	Special Invitee
17.	Dr. Kawaljeet Singh Sandhu, Head, Food Science & Technology Deptt., MRSPTU, Bathinda	Special Invitee

INDEX

ITEM NO.	DESCRIPTION OF ITEM	PAGE NO.	ANNEXURE & PAGE NO.
Item No. 12.1	Provision of Elevators in University, buildings.	1	Annexure-A (Page No. 22 to 28)
Item No. 12.2	Requirement of Electrical Load (2500 KW) for new Constructed buildings of MRSPTU, Bathinda.	1	Nil
Item No. 12.3	Re-Construction of Toilet Blocks in Boys Hostel No. 1 & 2 (Total 03 Toilet Blocks).	1-2	Annexure-B (Page No. 29 to 45)
Item No. 12.4	Construction of C.C Water tanks on top floor of Girls Hostel No. 02.	2	Annexure-C (Page No. 46 to 47)
Item No. 12.5	Raising of Back Side Boundary Wall near Workshop Block, Barbed Wire Fencing (7 Straight 2 Diagonal) on Boundary Wall & renovation of old rooms for Canteen with Electrical work at PIT, Rajpura District Patiala.	2-3	Annexure-D (Page No. 48 to 52)
Item No. 12.6	Renovation/ Maintenance for the various works at PIT, GTB Garh District Moga.	3	Annexure-E (Page No. 53 to 69)
Item No. 12.7	Replacement of Grit Wash with Cement Plaster with grooves in Girls Hostel No.1.	3-4	Annexure-F (Page No.70)
Item No. 12.8	Renovation of Toilets of Girls Hostel No. 1 in the Campus.	4	Annexure-G (Page No. 71 to 80)
Item No. 12.9	Construction of a Workshop Shed for workshop at PIT Rajpura.	4	Annexure-H (Page No.81 to 91)
Item No. 12.10	Providing, Fixing & Commissioning of IP Based HD CCTV Camera's in various labs & Class rooms of PIT, Nandgarh, Bathinda.	5	Annexure-I (Page No. 92)
Item No. 12.11	Providing, Fixing & Commissioning of IP Based HD CCTV Camera's in PIT, GTB Garh, Moga & PIT , Rajpura.	5	Annexure-J (Page No.93)
Item No. 12.12	Providing, Fixing & Commissioning of IP Based HD CCTV Camera's in GZSCCET, Bathinda.	5-6	Annexure-K (Page No.94)
Item No. 12.13	Providing, Fixing, Commissioning & Testing of Bio Metric Attendance System at PIT, GTB Garh (Moga) (Warranty for One Year and AMC for Two Years).	6	Annexure-L (Page No. 95 to 96)
Item No. 12.14	Providing, Fixing, Commissioning & Testing of Bio Metric Attendance System at PIT, Rajpura (Warranty for One Year and AMC for Two Years).	6-7	Annexure-M (Page No. 97 to 98)
Item No. 12.15	Providing, Fixing, Commissioning & Testing of Bio Metric Attendance System at PIT, Nandgarh (Warranty for One Year and AMC for Two Years).	7	Annexure-N (Page No.99 to 100)
Item No. 12.16	Supply, Installation, Testing & Commissioning of DG Set 160 KVA at PIT, Nandgarh.	7-8	Annexure-O (Page No.101 to 107)
Item No. 12.17	Construction of Gate and Check Post at Aeronautical Engineering College at Patiala.	8	Annexure-P (Page No.108-114)
Item No. 12.18	Installation of solar power plant on roof tops at GZSCCET, Bathinda.	8-9	Annexure-Q (Page No. 115) Annexure-Q (Page No. 116-157)
Item No. 12.19	To confirm the proceedings of 11 th meeting of Tender Finalization Committee of University held on 29 th May, 2018.	10	Annexure-R (Page No. 158 to 166)

Item No. 12.20	Action Taken on various items discussed during 9 th & 11 th meeting of Tender Finalization Committee.	10 to 13	Nil
Item No. 12.21	Purchase of Equipment required for Setting up Power System-II Lab at PIT, GTB Garh (Moga).	13	Annexure-S (Page No. 167 to 170)
Item No. 12.22	Purchase of Equipment for Skill Course Electrical at PIT, GTB Garh (Moga).	14	Annexure-T (Page No. 171 to 174)
Item No. 12.23	Purchase of Freeze Dryer from DST Project for Deptt. of Food Science & Technology.	14	Annexure-U (Page No. 175 to 177)
Item No. 12.24	Regarding Internet Connectivity 100 MBPS Lease Line (1:1) with 64 Static IP (Including Installation & with all Accessories Required for Installation) for MRSPTU, Bathinda.	14 to 16	Annexure-V (Page No. 178 to 184)
Item No. 12.25	Regarding WiFi Tender of PIT, Nandgarh and PIT, GTB Garh (Moga).	16	Annexure-W (Page No. 185 to 203)
Item No. 12.26	Printing & Supply of Answer Book 32 Lined Pages 04 Cover Pages (Total 36 Pages) for Examination of the MRSPTU, Bathinda.	16 to 18	Annexure-X (Page No. 204 to 207)
Item No. 12.27	Requirement for purchase of items for various departments:-		
Applied Chemistry	UV Spectrophotometer	18	Annexure-Y Page No. (208 to 210)
Controller of Examinations	High Speed Photocopier Machine	19	Annexure-Z Page No. (211 to 212)
	Non-Woven D.Cut Bags Size 13"x18" capacity 5 kg.		
	Printing Double Side		
	Polypropylene Bags size 27" x36" Colour White, Capacity 50 Kg. Printing Single Side.		
Architecture	Drawing Sheets, size 22" x 28", 160 GSM Colour Cream, Printing on Single Side.	19	Annexure-AA (Page No. 213)
	Drawing Board cum Latop table with locker for drawing instruments 3'x2' drawing board & side space for laptop		
Textile Engg.	Portable Weather Station with Data Logger, Wind Monitoring Sensor Temperature and Humidity, Solar Radiation, Battery with mounting accessories.	19	Annexure-AB (Page No. 214 to 215)
	Computer Controlled Manual Table Sample Loom Cycle Paddle Operated for Fabric Manufacture Lab.		
Mechanical Engg.	Exhaust Gas Analyzer for Diesel and Petrol Engine.	19-20	Annexure-AC (Page No. 216 to 219)
	Fatigue Testing Machine		
	Torsion Testing Machine		
	Injection Molding Machine (Plastic Material Only)		
Civil Engg.	Electronic Universal Testing Machine for Concrete Lab,	20	Annexure-AD (Page No. 220 to 224)
	Tilting Bed Flow Channel (Hydraulic Flume) for Fluid Mechanics Lab,		
	GPS Hand held with software 02 No for Survey Lab,		
	Electronic Total Station 02 No. for Survey Lab,		

Applied Physics	Automatic Sputter Coater	20	Annexure-AE (Page No. 225 to 231)
	GM Counter		
	Low End Computer		
	Gauss Meter		
	PC with Different Specifications + ENVITRANS Software.		
	Portable Real Time Aerosol Counter		
	Personal Aerosol size Slective Exposure Monitor.		
	High End Computer		
Food Sciences & Technology	Rheometer	20-21	Annexure-AF (Page No. 232 to 233)
	Texture Analyzer		
	Ultraviolet Visible Spectrophotometer		
	Trinocular Microscope		
	Refrigerated Centrifuge		
	Orbital Shaking Incubators.		
	Gel Documentation Systems		
Computational Sciences & IT Enabled Services	Networking (Laying of Fiber to all buildings & blocks, Providing Lab Solutions, Ame of Existing and New Software)	21	Annexure-AG (Page No. 234)
Item No. 12.28	Regarding Disposal of Used Answer Books (Approximate Weight 20-22 Ton) of Examinations Branch, MRSPTU, Bathinda.	21	Annexure-AH (Page No. 235 to 236)
Item No. 12.29	Any other item with permission of the chair.	21	

ESTATE DEPARTMENT

AGENDA ITEMS

Item No. 12.1 Provision of Elevators in University, buildings.

Elevators to be provided were not taken in DNIT. As per the current decisions, separate BOQ amounting to Rs. 2,30,56,000/- for providing, installation, testing & commissioning of 13 passenger elevators has been provided by the Consultancy Wing, GNDU, Amritsar (copy attached at Annexure-A page no. 22 to 28). The Building Works Committee examined the case and recommended to proceed the work. The matter of Administrative and Financial approval is under process.

The matter is placed before the Committee for consideration and approval to float the e-tender for the above said work.

Item No. 12.2 Requirement of Electrical Load (2500 KW) for new Constructed buildings of MRSPTU, Bathinda.

Keeping the view new construction of buildings electrical load is to be applied to Punjab State Power Corporation Limited. An estimated cost of Rs. 41,55,900/- (Approx.) is likely to be incurred on the above work. The Building Works Committee examined the case and recommended to proceed with the work.

The matter is placed before the Committee for consideration and approval.

Item No. 12.3 Re-Construction of Toilet Blocks in Boys Hostel No. 1 & 2 (Total 03 Toilet Blocks).

The toilet blocks in the Boys Hostel No. 1 & 2 are un-safe and 01 block has been closed for use by students as major cracks have developed due to settlement as GI Pipes have leaked at many places. An estimate of Rs. 1,38,25,452/- had been prepared for the re-construction of the toilet blocks.

The Building Works Committee decided to construct one toilet block for the time being and recommended to proceed the work for one

toilet block at a cost of Rs. 46,08,124/- (Copy of estimate placed at Annexure-B at Page No. 29 to 45). The matter of Administrative and Financial approval is under process.

The matter is placed before the Committee for consideration and approval to float the e-tender for the above said work.

Item No. 12.4

Construction of C.C Water tanks on top floor of Girls Hostel No. 02.

The Warden of Girl's Hostel No. 02 has requested that the existing PVC tanks are to be replaced with C.C. tanks as the water gets very hot during the summer season. An estimate of Rs. 5,51,310/- had been prepared for the construction of the tanks keeping in view the ease of students.

This matter was discussed with the University Administration and it was proposed that triple layer PVC tanks may be provided instead of RCC. So, the cost of PVC tanks would be approx. Rs. 05 Lacs.

The Building Works Committee decided that the damaged PVC tanks shall be replaced and possibility of covering PVC tanks with slab/sheet may be studied. The additional cost involved be worked out and process be initiated accordingly after reducing the cost of old broken tanks and the estimate is prepared for Rs. 5,41,289/- (Copy of estimate placed at Annexure-C at Page No. 46 & 47) & recommended to proceed with the work. The matter of Administrative and Financial approval is under process.

The matter is placed before the Committee for consideration and approval to float the e-tender for the above said work.

Item No. 12.5

Raising of Back Side Boundary Wall near Workshop Block, Barbed Wire Fencing (7 Straight 2 Diagonal) on Boundary Wall & renovation of old rooms for Canteen with Electrical work at PIT, Rajpura District Patiala.

Some urgent works as raising of boundary wall near workshop block, Barbed wire fencing are to be carried out at PIT Rajpura as per letter received from Director, PIT Rajpura keeping in view the safety of

equipments. There is no canteen in PIT Rajpura, so a temporary room is to be renovated for canteen alongwith a temporary shed of GI Sheets for seating of students. An estimate of Rs. 4,71,113/- has been prepared for the above works **(Copy placed at Annexure-D at Page No. 48 to 52)**. The Building Works Committee examined the case and recommended to proceed with the work by inviting e-tender.

The matter is placed before the Committee for consideration and approval to float the e-tender for the above said work.

Item No. 12.6

Renovation/ Maintenance for the various works at PIT, GTB Garh District Moga.

Some repair/renovation of houses is required at PIT GTB Garh to make them useable and also minor works as False Ceiling, Main entrance gate, Parking area, Painting/Whitewash, Boundary wall, Repair & Maintenance, Pathway to Block-B, Foundations of Machines in various labs, developments of a room as Seminar room, Window Glazing, Partitions in Lecture halls etc. is to be carried out. An estimate of Rs. 54,43,324/- had been prepared for the above works.

The Building Works Committee approved this work subject to the condition that flooring will not be changed and false ceiling shall be provided on minimum area to minimize the cost. Partitioning shall be made with aluminium glazing. Accordingly the revised estimate is being put up for Rs. 46,28,322/- **(Copy of estimate placed at Annexure-E at Page No. 53 to 69)** subject to the Administrative and Financial approval.

The matter is placed before the Committee for consideration and approval to float the e-tender for the above said work.

Item No. 12.7

Replacement of Grit Wash with Cement Plaster with grooves in Girls Hostel No. 1.

The Grit Wash provided in the Girls Hostel is very old and is coming off, at various places which can cause harm to the students. The Warden, Girls Hostel has requested that the Grit wash be replaced with cement plaster. An estimate of Rs. 15,42,894/- had been prepared for the above work.

The Building Works Committee approved subject to the condition that this work shall be carried out only in the internal circulation area and the front side, so that the cost shall be reduced and recommended to proceed with the work by inviting e-tender. Accordingly the revised estimate is prepared for Rs. 8,40,946/- **(Copy of estimate placed at Annexure-F at Page No. 70)** subject to the Administrative and Financial approval.

The matter is placed before the Committee for consideration and approval to float the e-tender for the above said work.

Item No. 12.8

Renovation of Toilets of Girls Hostel No. 1 in the Campus.

The toilets of Girls Hostel No. 01 are to be renovated as rusted GI Pipes are to be replaced and floor and wall tiles are to be replaced. An estimate of Rs. 38,44,809/- has been prepared for the above work **(Copy of estimate placed at Annexure-G at Page No. 71 to 80)**. The Building Works Committee examined the case and recommended to proceed with the work by inviting e-tender. The matter of Administrative and Financial approval is under process.

The matter is placed before the Committee for consideration and approval to float the e-tender for the above said work.

Item No. 12.9

Construction of a Workshop Shed for workshop at PIT Rajpura.

There is a requirement of shed for workshop at PIT Rajpura as classes have already started. The shed is proposed to be constructed in front of the already existing workshop block or it can be constructed at a suitable location after discussion with the Architect, but there would be no change in project cost due to this. An estimate of Rs. 42,88,053/- had been prepared for the above work. The Building Works Committee examined the case and recommended to proceed with the work by inviting e-tender. The revised estimate for Rs. 42,61,488/- **(Copy of estimate placed at Annexure-H at Page No. 81 to 91)** is prepared subject to the Administrative and Financial approval.

The matter is placed before the Committee for consideration and approval to float the e-tender for the above said work.

Item No. 12.10**Providing, Fixing & Commissioning of IP Based HD CCTV Camera's in various labs & Class rooms of PIT, Nandgarh, Bathinda.**

Keeping in view of safety purpose, camera's required at PIT, Nandgarh as per requirement from the Director, PIT, Nandgarh. An estimate of Rs. 4,36,860/- had been prepared for the above work.

The Building Works Committee approved subject to the condition of the revision of cost by removing optical fiber cable and recommended to proceed with the work by inviting e-tender. Accordingly the revised estimate is prepared for Rs. 2,28,600/- (**Copy of estimate placed at Annexure-I at Page No. 92**) subject to the Administrative and Financial approval.

The matter is placed before the Committee for consideration and approval to float the e-tender for the above said work.

Item No. 12.11**Providing, Fixing & Commissioning of IP Based HD CCTV Camera's in PIT, GTB Garh, Moga & PIT, Rajpura.**

Keeping in view of safety purpose, camera's required at PIT, Rajpura as per requirement from the Director, PIT, Rajpura & PIT, GTB Garh Moga. An estimate of Rs. 9,84,356/- had been prepared for the above work.

The Building Works Committee approved subject to the condition of the revision of cost by removing optical fiber cable and recommended to proceed with the work by inviting e-tender. Accordingly the revised estimate is prepared for Rs. 4,57,200/- (**Copy of estimate placed at Annexure-J at Page No. 93**) subject to the Administrative and Financial approval.

The matter is placed before the Committee for consideration and approval to float the e-tender for the above said work.

Item No. 12.12**Providing, Fixing & Commissioning of IP Based HD CCTV Camera's in GZSCCET, Bathinda.**

Keeping in view of safety purpose, camera's required at GZSCCET, Bathinda as per requirement from Dean Academic &

directions of the Campus Director, GZSCCET, Bathinda. An estimate of Rs. 10,61,162/- had been prepared for the above work.

The Building Works Committee approved subject to the condition of the revision of cost by removing optical fiber cable and recommended to proceed with the work by inviting e-tender. Accordingly the revised estimate is prepared for Rs. 4,35,300/- **(Copy of estimate placed at Annexure-K at Page No. 94)** subject to the Administrative and Financial approval.

The matter is placed before the Committee for consideration and approval to float the e-tender for the above said work.

Item No. 12.13

Providing, Fixing, Commissioning & Testing of Bio Metric Attendance System at PIT, GTB Garh (Moga) (Warranty for One Year and AMC for Two Years).

As per discussion with higher Authorities, it was decided to install Bio Metric Machines at PIT, GTB Garh Moga to maintain the present strength of students as per requirement from the Director, PIT, GTB Garh Moga. An estimate of Rs. 2,17,120/- had been prepared for the above work.

The Building Works Committee decided to install two number of machines at GTB Garh Moga and the cost shall be worked out accordingly and recommended to proceed with the work. Accordingly the revised estimate is prepared for Rs. 1,08,560/- **(Copy of estimate placed at Annexure-L at Page No. 95 to 96)** subject to the Administrative and Financial approval.

The matter is placed before the Committee for consideration and approval.

Item No. 12.14

Providing, Fixing, Commissioning & Testing of Bio Metric Attendance System at PIT, Rajpura (Warranty for One Year and AMC for Two Years).

As per discussion with higher Authorities, it has been decided to install Bio Metric Machines at PIT, Rajpura to maintain the present

strength of students as per requirement from the Director, PIT, Rajpura. An estimate of Rs. 2,17,120/- had been prepared for the above work.

The Building Works Committee decided to install two number of machines in Campus and the cost shall be worked out accordingly and recommended to proceed with the work. Accordingly the revised estimate is prepared for Rs. 1,08,560/- (**Copy of estimate placed at Annexure-M at Page No. 97 to 98**) subject to the Administrative and Financial approval.

The matter is placed before the Committee for consideration and approval.

Item No. 12.15

Providing, Fixing, Commissioning & Testing of Bio Metric Attendance System at PIT, Nandgarh (Warranty for One Year and AMC for Two Years).

As per discussion with higher Authorities, it has been decided to install Bio Metric Machines at PIT, Nandgarh to maintain the present strength of students as per requirement from the Director, PIT, Nandgarh. An estimate of Rs. 1,62,840/- had been prepared for the above work.

The Building Works Committee decided to install two number of machines in Campus and the cost shall be worked out accordingly and recommended to proceed with the work. Accordingly the revised estimate is prepared for Rs. 1,08,560/- (**Copy of estimate placed at Annexure-N at Page No. 99 to 100**) subject to the Administrative and Financial approval.

The matter is placed before the Committee for consideration and approval.

Item No. 12.16

Supply, Installation, Testing & Commissioning of DG Set 160 kVA at PIT, Nandgarh.

As per requirement from the Director, PIT, Nandgarh for uninterrupted power supply. An estimate of Rs. 13,08,060/- had been prepared for the above work.

The Building Works Committee decided to install 125 kVA DG Set instead of 160 kVA DG Set and the cost shall be worked out accordingly and recommended to proceed with the work by inviting e-tender. Accordingly

the revised estimate is prepared for Rs. 9,78,616/- (**Copy of estimate placed at Annexure-O at Page No. 101 to 107**) subject to the Administrative and Financial approval.

The matter is placed before the Committee for consideration and approval.

Item No. 12.17 Construction of Gate and Check Post at Aeronautical Engineering College at Patiala.

A new Aeronautical College Building has been constructed at Patiala. Now, construction & maintenance works of the above college are to be executed by MRSPTU, Bathinda. On demand of the College Administration, drawings for the construction of Gate and Check Post were prepared by the Architecture Department of the University which were received in this Office vide letter no. Arch/D/18/675 dt. 24/08/2018. An estimate for Rs. 8,06,463/- has been prepared for the above work (**Copy of estimate placed at Annexure-P at Page No. 108 to 114**). The Building Works Committee examined the case and recommended to proceed with the work by inviting e-tender. The matter of Administrative and Financial approval is under process.

The matter is placed before the Committee for consideration and approval.

Item No. 12.18 Installation of solar power plant on roof tops at GZSCCET, Bathinda.

Solar Power Plant is to be installed on the roof tops of GZSCCET, Bathinda through RESCO Mode. Previous agreements have been obtained from the following Governments Institutions who have signed agreement for Solar Power Plant.

1. Punjab Agriculture University, Ludhiana – Capacity 1 MW
2. Guru Nanak Dev University, Amritsar – Capacity 1 MW
3. Zails in Punjab – Capacity 5 MW

The Above Institutions have signed agreement in RESCO Mode and after going through the agreement, the following observations are made:-

1. The companies approved by Solar Energy Corporation of India Ltd. install the Solar Power Plant and power is charged @ Rs. 3.32 paisa/per Unit and this tariff is applicable for 25 Years.
2. The concerned institute signs the agreement for 25 years for installation of Solar Power Plant.
3. The company will be responsible for the repair, look after of Solar Power Plant for the period of 25 years and institute will not make any payment toward the above cost.
4. The institute shall provide points for water supply for the cleaning of solar panels.
5. The institute shall arrange to cut/trim the trees if they give shade to the solar panels.

After going through the above agreement, it has been observed that Azure Power Rooftop One Pvt. Ltd. has installed all the above solar plants in the Education Institutions.

It is also worth mentioning that if solar plant is got installed through RESCO Mode, then the institute will save approximately Rs. 17 Crore in 25 Years (**copy attached at Annexure-Q page no. 115**).

The last date of commissioning of Solar Power Plant through RESCO Mode is 20-10-2018 as given by the Solar Energy Corporation of India Ltd. to the above company and the last date for signing of agreement with Azure Power Rooftop One Pvt. Ltd. was 08-09-2018. So, accordingly the agreement was made with the above company (**copy attached at Annexure-Q page no. 116 to 157**). The Building Works Committee examined the case and approved the same.

The matter is placed before the Committee for information.

ACCOUNTS & PURCHASE DEPARTMENT

AGENDA ITEMS

- Item No. 12.19** **To confirm the proceedings of 11th meeting of Tender Finalization Committee of University held on 29th May, 2018.**

The 11th meeting of Tender Finalization Committee of Maharaja Ranjit Singh Punjab Technical University, Bathinda was held under the Chairmanship of Hon'ble Vice Chancellor, Maharaja Ranjit Singh Punjab Technical University, Bathinda. The minutes were circulated to all the members vide ref. no. MRSPTU/Purchase/18-19/282 to 292 dated 19-6-18. No comments have been received from any member of committee. The minutes/proceedings are placed at (**Annexure-R, Page No. 158 to 166**) and may accordingly be confirmed.

- Item No. 12.20** **Action Taken on various items discussed during 9th & 11th meeting of Tender Finalization Committee.**

- (i) **Item No. 9.16 & 9.17 Purchase of UPS 6KVA Online for Computer Applications and UPS 1KVA Offline, Academic Affairs, MRSPTU, Bathinda.**

Three tender received and sent for technical evaluation.

- (ii) **Item No. 11.3 Purchase of Digital Stereotaxic Systems for Pharmaceutical Science & Technology Deptt.**

HOD, Pharmacy briefed the members that a project grant amounting Rs. 9:00 Lac has been sanctioned by the Govt. of India but the amount has not been released, so far & tender shall be floated after release of grant. But till date no information has been received from the department in this regard.

- (iii) **Item No. 11.4 Purchase of Microtome for Pharmaceutical Science & Technology Deptt.**

Four tenders received and sent for technical evaluation.

- (iv) **Item No. 11.5 Purchase of Maze Video Tracking System for Pharmaceutical Science & Technology Deptt.**

Three tenders received and sent for technical evaluation.

- (v) **Item No. 11.6 Purchase of Research Microscope with Digital Imaging System for Pharmaceutical Science & Technology Deptt.**

Three tenders received and sent for technical evaluation.

- (vi) **Item No. 11.7 Purchase of Instrument/Equipment for Pharmaceutical Science & Technology Deptt.**

(a) Bench Top Vertical Rapid Mixer Granulator.

(b) Mini Melt Extruder & Spheronizer-Single Unit (GMP).

(c) Min Spray Dryer (GMP).

(d) Rotary Tablet Press (GMP) (Multi Tooling D,B & BB Tooling)

(e) Table Top Combo Model Fluidized Bed Processor cum Tablet Auto Coater (GMP).

Three tenders received and sent for technical evaluation.

- (vii) **Item No. 11.8 Purchase of CAD/CAM/CAE Software for Mechanical Engg. Deptt. of GZSCCET, Bathinda.**

Purchase postponed after discussion with concerned HOD, as some of software are available through open sources i.e. free of cost.

- (viii) **Item No. 11.9 Purchase of ANSYS Academic Mech & CFD Software (Teaching and Research) for Mechanical Engg. Deptt. of GZSCCET, Bathinda.**

Purchase postponed with the query from concerned HOD, whether this similar software available in the market? Justification of the same is still awaited.

- (ix) **Item No. 11.10 Purchase of 3D Printing Desktop Printer for Mechanical Engg. Deptt.**

No tender received even after extending the date by giving corrigendum.

- (x) **Item No. 11.11 Purchase of Computer Numerical Control Vertical Milling Machine for Mechanical Engg. Deptt. GZSCCET, Bathinda, Amounting Rs. 6,50,000/-.**

Two bids of the venders M/s Mars EdPal Instruments Pvt. Ltd., Ambala Cantt. & M/s Dinesh Scientific, Ambala Cantt. have been

received which were sent to Evaluation Committee for Technical Evaluation.

After technical evaluation & recommendation of the committee price bid of both the firm have been opened. Rate quoted by the firm M/s Mars EdPal Instruments Pvt. Ltd., Ambala Cantt. is Rs. 14,04,200/- (including tax @ 18%) and M/s Dinesh Scientific, Ambala Cantt. is Rs. 14,02,878.40 (including tax @18%) same has been sent to evaluation committee for recommendation.

It is hereby informed that there is a huge difference of Rs. 7,52,878/- (i.e. more than 100% variation) in rates projected by the indenting department Rs. 6,50,000/- & lowest rate quoted by the firm is Rs. 14,02,878/-.

The matter is presented before the committee for information & further decision.

- (xi) **Item No. 11.12 Purchase of Smoke Meter (For Diesel Engine) for Mechanical Engg. Deptt. GZSCCET, Bathinda.**
No tender received even after extending the date by giving corrigendum.
- (xii) **Item No. 11.17 Purchase of Electromagnet & Power Supply for Applied Physics Deptt.**

Re-tender for purchase of Electromagnet with Power Supply was done but this time also no tender received even after extending the date by giving corrigendum.

Regarding above said purchase Dr. Satnam Singh, AP-cum-PI SERB-DST Project informed that this equipment is a high Tesla (2 Tesla) electromagnet specially required for research purpose. The manufactures, which usually produce low Tesla (less than 0.5 Tesla) electromagnets, are not interested to produce the required one. It is because; the manufacturers of this equipment are rare in India, the e-tenders for this equipment could not matured even after floating for twice.

As this equipment is crucially required for project and the two vendors (which are not sister concern) who sent the quotations are not interested to take part in e-tendering and further requested to open these tenders and complete the procurement process with these two vendors. ✓

The matter is presented before the committee for consideration.

- (xiii) **Item No. 11.18 (a) Rate Contract for Chemicals, Furniture, Glasswares & Plasticwares and Equipment etc.**

Nineteen tenders received and sent for technical evaluation.

- (xiv) **Item No. 11.18 (b) Rate Contract for Services & Maintenance of Split and Window AC, RO, Refrigerator, Air Cooler, Wall Fan, Ceiling Fan, Exhaust Fan at MRSPTU, GZSCCET, Bathinda.**

Two tenders received and sent for technical evaluation.

Item No. 12.21 Purchase of Equipment required for Setting up Power System-II Lab at PIT, GTB Garh (Moga).

The requirement for purchase of Equipment required for Setting up Power System-II Lab at PIT, GTB Garh (Moga) has been received. The administrative as well as financial approval has been accorded by Hon'ble Vice Chancellor vide Sanction No. PITGTBG/18-19/31 dated 20-6-2018. The detailed technical specifications and justification for purchase are placed at **(Annexure-S, Page No. 167 to 170)**. The approximate cost of the equipment is Rs. 8,54,000/-. As per decision of BOG, purchase amounting Rs. 2.00 Lac or above shall be made through e-tendering process. The CPC examined the case & recommended to proceed the purchase through e-tendering.

The matter is presented before the committee for consideration and approval to float the e-tender for procurement of items.

Item No. 12.22 Purchase of Equipment for Skill Course Electrical at PIT, GTB Garh (Moga).

The requirement for purchase of Equipment for Skill Course Electrical at PIT, GTB Garh (Moga) has been received. The administrative as well as financial approval has been accorded by Hon'ble Vice Chancellor vide Sanction No. PITGTBG/18-19/32 dated 20-6-2018. The detailed technical specifications and justification for purchase are placed at **(Annexure-T, Page No. 171 to 174)**. The approximate cost of the equipment is Rs. 4,12,000/-. As per decision of BOG, purchase amounting Rs. 2.00 Lac or above shall be made through e-tendering process. The CPC examined the case & recommended to proceed the purchase through e-tendering.

The matter is presented before the committee for consideration and approval to float the e-tender for procurement of items.

Item No. 12.23 Purchase of Freeze Dryer from DST Project for Deptt. of Food Science & Technology.

The requirement for purchase of Freeze Dryer from DST Project for Department of Food Science & Technology of MRSPTU, Bathinda has been received. The administrative as well as financial approval has been accorded by Hon'ble Vice Chancellor vide Sanction No. 152 dated 09-08-18. The detailed technical specifications and justification for purchase are placed at **(Annexure-U, Page No. 175 to 177)**. The approximate cost of the equipment is Rs. 11,79,904/-. As per decision of BOG, purchase amounting Rs. 2.00 Lac or above shall be made through e-tendering process. The CPC examined the case & recommended to proceed the purchase through e-tendering.

The matter is presented before the committee for consideration and approval to float the e-tender for procurement of items.

Item No. 12.24 Regarding Internet Connectivity 100 MBPS Lease Line (1:1) with 64 Static IP (Including Installation & with all Accessories Required for Installation) for MRSPTU, Bathinda.

The requirement for getting services of Internet Connectivity 100 MBPS with 64 Static IP (Including Installation & all Accessories Required for Installation) for MRSPTU, Bathinda has been received. The administrative as well as financial approval has been accorded by Hon'ble Vice Chancellor vide Sanction No.156 dated 16-8-18 (**Annexure-V Page No. 178 to 184**). The approximate cost of the service is Rs. 8,50,000/-. As per decision of BOG, purchase amounting Rs. 2.00 Lac or above shall be made through e-tendering process. The CPC examined the case & recommended to proceed the purchase through e-tendering.

It was pointed out by the purchase department that in the previous year also, a tender for the said services was floated and firms were asked to quote their rates for three years.

L-1 firm M/s Reliance Communication Ltd, Thane, Maharashtra quoted their rates as follows:

1 st year	Rs. 6,00,000/-	} Plus Taxes
2 nd year	Rs. 5,08,000/-	
3 rd year	Rs. 4,31,000/-	

and order was placed on the recommendation of committee for one year.

However indenting department quoted estimated rate Rs. 8,50,000/- for getting internet connectivity services for the same specifications whereas second year rate quoted by the firm was Rs. 5,08,000/- plus GST 18% which becomes Rs. 5,99,440/-

In this regard, Director, Department of IT Enabled Services vide letter no. ITES/539 dated 17-10-18 informed that, it was observed that inadvertently the sanction for internet was taken as 8.5 lakh but the rates of internet has reduced and the same fact was got verified by department. Now since the rates has been reduced 4.25 lakh for 1st year and 4 lakhs for 2nd year (**copy attached page no. 181 at Annexure-V**). The sum of present rate of internet for two years is less than 9 lakhs. So committee feel that the previous sanction (8.5 lakh) may be considered for two years

and the short term tender may be floated for two years & the same has been approved by competent authority.

The matter is presented before the committee for consideration and approval to float the e-tender for procurement of items.

Item No. 12.25 Regarding WiFi Tender of PITs, Nandgarh and GTB Garh (Moga).

The requirement regarding wifi tender of PIT, Nandgarh and PIT, GTB Garh (Moga) has been received from Director, Department of IT Enabled Services, MRSPTU, Bathinda vide letter ref. no. ITES/541 dated 18-10-18. The administrative as well as financial approval has been accorded by the competent authority. The detailed specifications & requirement framed by the committee are placed at (**Annexure-W, Page No. 185 to 203**). The approximate cost of the above said work is Rs. 8,14,186/- (for PIT, Nandgarh) & Rs. 10,50,049/- (for PIT, GTB Garh Moga) Total amounting Rs. 18,64,235/-. As per decision of BOG purchase amounting Rs. 2.00 Lac or above shall be made through e-tendering.

The matter is presented before the committee for consideration and approval to float the e-tender subject to consideration of Central Purchase Committee (CPC).

Item No. 12.26 Printing & Supply of Answer Book 32 Lined Pages 04 Cover Pages (Total 36 Pages) for Examination of the MRSPTU, Bathinda, Amounting Rs. 1.53 Crore Only.

Consequent upon decision of the Central Purchase Committee e-tender no. MRSPTU/PRO/2018/148 dated 10-07-2018 was invited for Printing & Supply of Answer Books 32 Lined Pages 04 Cover Pages (Total 36 Pages) for Examination for the MRSPTU, Bathinda.

Two tenders of the firms M/s Subhash Mittal Printing Press, Bathinda & M/s J.R. Printing Press, Sangrur have been received, which were sent to Chairman, Evaluation Committee for Technical Evaluation vide letter Ref. No. MRSPTU/Purchase/18-19/354 dated 04-9-18.

On the same day i.e. on 04-9-18 Mr. Sanjay Rajpal of M/s Between Lines sent a mail to Controller, Examination informing him that party from Sangrur is already a blacklisted party and COE forwarded the mail of the firm to Registrar, MRSPTU & drspbti@rediffmail.com with the remarks to look into the matter.

On dated 07-9-18 firm was asked to provide documentary proof regarding blacklisting of Sangrur firm and also provide contact number and complete address of his firm, so that further necessary action may be taken accordingly, and the firm provided a copy of letter issued by Secretary Punjab Mandi Board, SAS Nagar, Mohali vide Ref No. ਫਿ ਮੈਲ/2018/874-1029 ਮਿਤੀ 27-8-18 addressed to all Secretaries Market Committee, Punjab regarding blacklisting of firm M/s J.R. Printing Press, Nabha Gate, Sangrur. After receiving the letter it is found that firm has been blacklisted on dated 27-08-2018 and also last date of closing of tender was 27-08-2018 **(copy attached at Annexure-X Page No. 204 to 207).**

Evaluation committee raised some observation while evaluation of the bids, accordingly firm were asked vide letter Ref. No. MRSPTU/Purchase/18-19/861 & 862 dated 21-9-18 to comply the same. Both the firm have provided required clarification and firm M/s J.R. Printing Press, Sangrur vide their letter Ref. No. 472 dated 28-9-18, also informed that their firm is not blacklisted and **also provided a copy of the stay order issued from Hon'ble Krishna Murari, Chief Justice, Punjab & Haryana Court, Chandigarh (copy attached Page No. 206 to 207 at Annexure-X), the same has been sent to evaluation committee for information & further to review the bids.**

After technical evaluation and recommendation of committee price bid of both the firms have been opened. Rate quoted by firm M/s J.R. Printing Press, Sangrur is Rs. 2,41,51,680/- (including tax @ 12%) and M/s Subhash Mittal Printing Press, Bathinda is Rs. 2,29,82,400/- (including tax @ 12%) and this firm also given a note in price bid that

"Rate for one year (financial year 2018-19)= Rs. 9.40+ GST". Same has been sent to evaluation committee for recommendation.

As per recommendation given by the evaluation committee order may be issued to M/s Subhash Mittal Printing Press, Bathinda as per terms & conditions of the tender, but it was not clear that order for one year qty. or 3 year qty. will be given. Also nothing has been mentioned on the rates given by this firm for one year (financial year 2018-19).

It is hereby informed that there is a difference of Rs. 76,82,400/-, as the actual cost of 18 Lac answer sheets in the tender received is Rs. 2,29,82,400/- whereas approximate sanctioned amount was Rs. 1,53,00,000/-.

Further it is also to be noted that if the one year qty. i.e. 6 lakh answer sheets are to be printed on the basis of rate given by the firm for one year (financial year 2018-19)= Rs. 9.40+GST 12% extra then total cost will be Rs. 56,40,000/-+ GST extra.

The matter is presented before the committee to look into the facts stated above & further decision.

Item No. 12.27

Requirement for purchase of items for various departments.

A notice vide ref. no. MRSPTU/Purchase/18-19/665 dated 18-7-18 was sent to all the departmental heads vide which they were asked to send their requirement for purchase of item/equipment including software etc. (if any) costing above Rs. 1.00 Lac, so that same can be processed during the financial year 2018-19. Requisitions have been received from the various departments for purchase of items/equipments. As per decision of BOG, purchase amounting Rs. 2.00 Lac or above shall be made through e-tender process. Detail of item/equipments costing Rs. 2.00 Lac and above are given as under:

Sr. No.	Name of Deptt.	Name of Item	Cost (In Rs.)	Total	Technical Specifications
1	Applied Chemistry	UV Spectrophotometer	6,50,000/-	6,50,000/-	Annexure-Y Page No. 208 to 210

2	Controller of Examinations	High Speed Photocopier Machine	3,50,000/-	8,20,000/-	Annexure-Z Page No. 211 to 212
		Non-Woven D Cut Bags Size 13"x18" capacity 5 kg. Printing Double Side.	2,00,000/-		
		Polypropylene Bags size 27" x36" Colour White, Capacity 50 Kg. Printing Single Side.	1,50,000/-		
		Drawing Sheets, size 22" x 28", 160 GSM Colour Cream, Printing on Single Side.	1,20,000/-		
3	Architecture	Drawing Board cum Latop table with locker for drawing instruments 3'x2' drawing board & side space for laptop	7,20,000/-	14,70,000/-	Annexure-AA Page No. 213
		Portable Weather Station with Data Logger, Wind Monitoring Sensor Temperature and Humidity, Solar Radiation, Battery with mounting accessories.	7,50,000/-		
4	Textile Engg.	Computer Controlled Manual Table Sample Loom Cycle Paddle Operated for Fabric Manufacture Lab.	2,13,500/-	2,13,500/-	Annexure-AB Page No. 214 to 215
5	Mechanical Engg.	Exhaust Gas Analyzer for Diesel and Petrol Engine.	3,50,000/-	24,50,000/-	Annexure-AC Page No. 216 to 219
		Fatigue Testing Machine	3,00,000/-		
		Torsion Testing Machine	3,00,000/-		

		Injection Molding Machine (Plastic Material Only)	15,00,000/-		
6	Civil Engg.	Electronic Universal Testing Machine for Concrete Lab	*15,00,000/-	43,00,000/-	Annexure-AD, Page No. 220 to 224 * The existing machine was purchased in 1993 and is about 25 years old & rupees 5.00 lac is required for its up gradation & repair so it is requested that the purchase of new machine should be made.
		Tilting Bed Flow Channel (Hydraulic Flume) for Fluid Mechanics Lab	6,00,000/-		
		GPS Hand held with software 02 No for Survey Lab,	2,00,000/-		
		Electronic Total Station 02 No. for Survey Lab	20,00,000/-		
7	Applied Physics	Automatic Sputter Coater	6,50,000/-	44,45,000/-	Annexure-AE, Page No. 225 to 231
		Probe Station	2,95,000/-		
		GM Counter	2,00,000/-		
		Low End Computer	10,00,000/-		
		Gauss Meter	4,50,000/-		
		PC with Different Specifications + ENVITRANS Software.	3,50,000/-		
		Portable Real Time Aerosol Counter	6,00,000/-		
		Personal Aerosol size Slective Exposure Monitor.	6,00,000/-		
		High End Computer	3,00,000/-		
8	Food Sciences & Technology	Rheometer	26,00,000/-	65,00,000/-	Annexure-AF, Page No. 232 to 233
		Texture Analyzer	18,00,000/-		
		Ultraviolet Visible Spectrophotometer	5,50,000/-		

		Trinocular Microscope	3,50,000/-		
		Refrigerated Centrifuge	3,00,000/-		
		Orbital Shaking Incubators.	3,00,000/-		
		Gel Documentation Systems	6,00,000/-		
9	Computational Sciences & IT Enabled Services	Networking (Laying of Fiber to all buildings & blocks, Providing Lab Solutions, Ane of Existing and New Software)	75,00,000/-	75,00,000/-	Annexure-AG, Page No. 234
Gross Total				2,83,48,500/-	

The matter is presented before the committee for consideration and approval to float the e-tender, subject to availability of funds and consideration of Central Purchase Committee (CPC).

Item No. 12.28

Regarding Disposal of Used Answer Books (Approximate Weight 20-22 Ton) of Examinations Branch, MRSPTU, Bathinda.

The Examination Branch, MRSPTU, Bathinda vide letter ref. no. COE/MRSPTU/3357 dated 10-7-18 informed that approval has been taken from the V.C. Sir for disposal of used Answer Books which are more than a year old and further requested to dispose-off answer books of Dec-2016 and May-2017 session, approximate weight 20-22 Ton which are laying in the Examination Branch, so that space can be utilized (copy attached at Annexure-AH, Page No. 235 to 236).

The matter is presented before the committee for consideration and approval to float the e-tender for dispose-off the same.

Item No. 12.29

Any other item with permission of the chair.