

**Metric 7.1.4 Water conservation facilities available in the Institution:**

- 1. Rain water harvesting**
- 2. Borewell /Open well recharge**
- 3. Construction of tanks and bunds**
- 4. Waste water recycling**
- 5. Maintenance of water bodies and distribution system in the campus**

**Grade Obtained from NAAC: 3**

**Grade expected by IKGPTU: 4**

Information Submitted by IKGPTU is as follows:

**Stage 1: SSR**

**HEI Response:** Any 4 or all of the above

**Supporting Documents:** To substantiate the claim, sufficient documents (as per the SOP of NAAC) were provided by IKGPTU and were uploaded during submission of SSR as per the following details:

<b>File Description</b>	<b>Document</b>
Geo-tagged photographs	<a href="https://ptu.ac.in/naac-data/Criterion-7/7.1.4/Geotagged-Photos.pdf">https://ptu.ac.in/naac-data/Criterion-7/7.1.4/Geotagged-Photos.pdf</a>
Supporting bills	<a href="https://ptu.ac.in/naac-data/Criterion-7/7.1.4/Water-Conservation.pdf">https://ptu.ac.in/naac-data/Criterion-7/7.1.4/Water-Conservation.pdf</a>

**Stage 2: DVV**

**Deviation Details:**

A query was generated by DVV during clarification. HEI was asked to provide Bills for the purchase of equipment for the Rain water harvesting Borewell /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus for year 2020-21.

**NAAC consideration after DVV verification:** Any 3 of the above

**Grade given by NAAC after DVV verification:** 3

**DVV Findings:**

DVV has considered B. Any 3 of the above

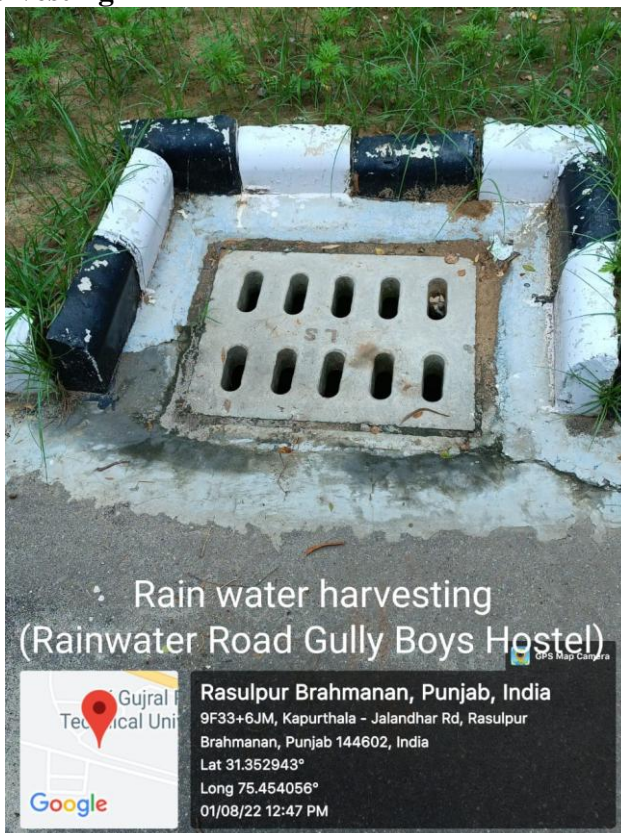
**Response from HEI:**

HEI provided the bills and the geo-tagged photos of the installed facilities.

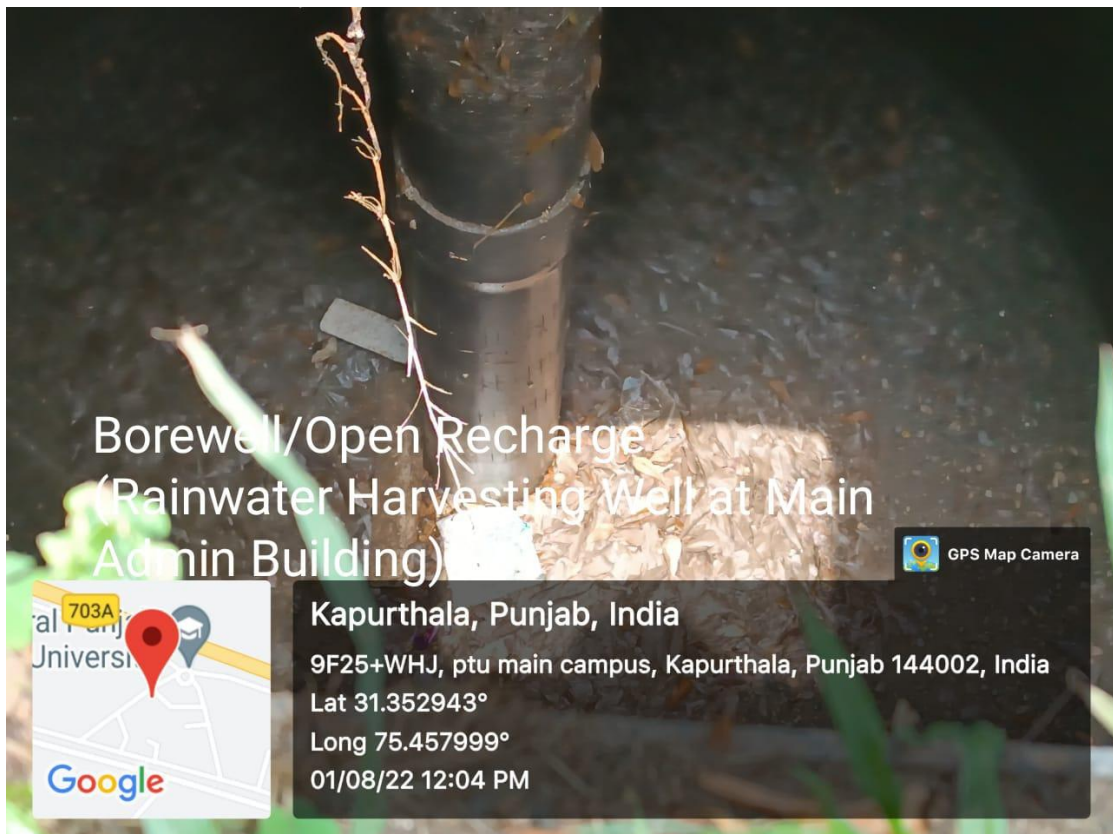
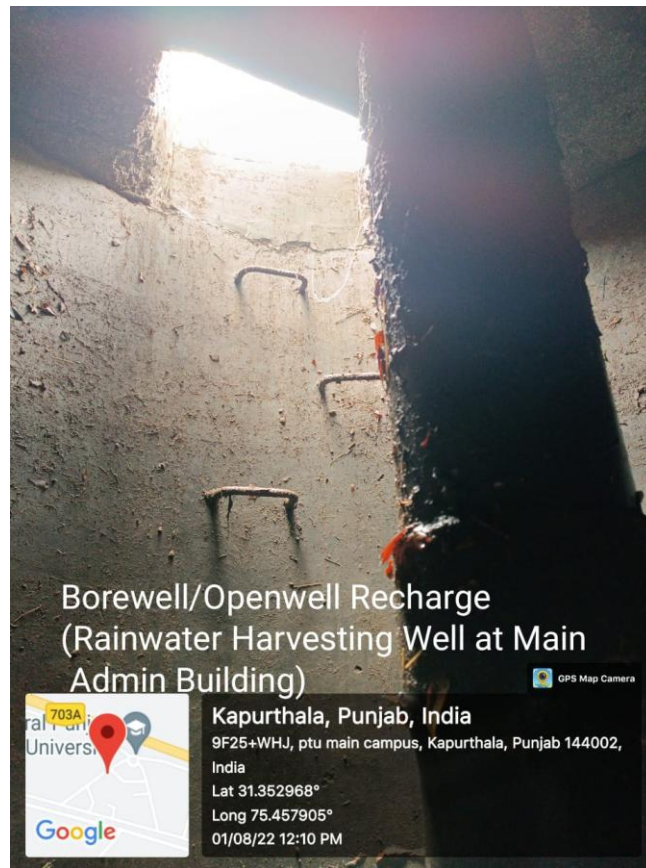
### Stage 3: Appeal

**Reason for appeal:** HEI has all the claimed facilities installed in the premises. To substantiate the claim, the facility-wise geo-tagged photographs are attached herewith.

#### 1. Rain water harvesting



## 2. Borewell /Open well recharge



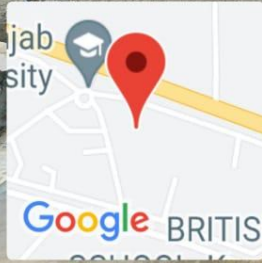
### 3. Construction of tanks and bunds



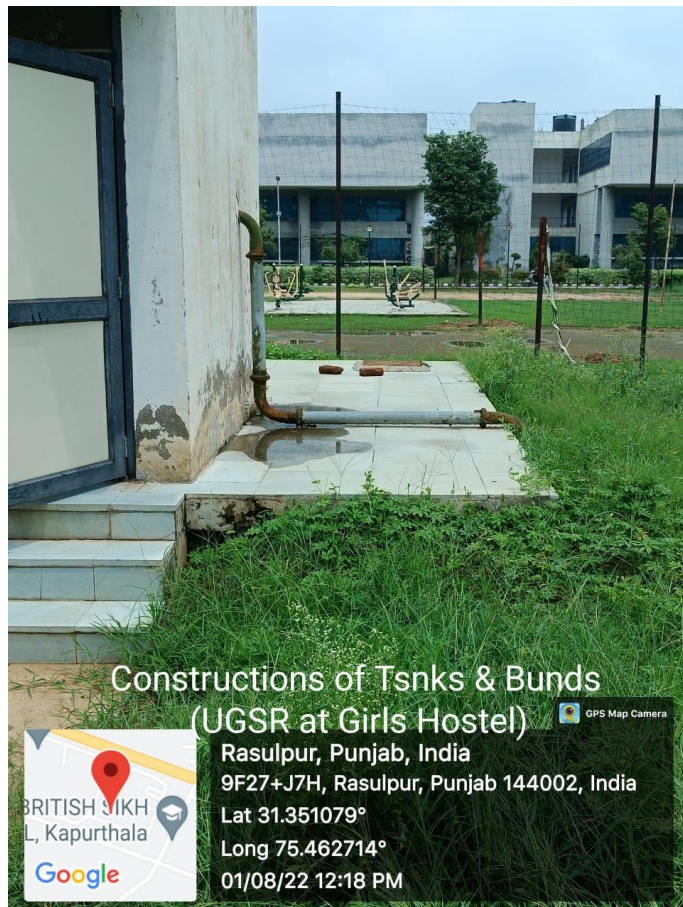


Constructions of Tanks & Bunds.  
(Overhead Watertank at Girls  
Hostel)

GPS Map Camera

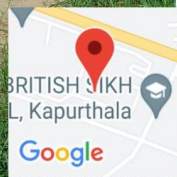


Rasulpur Brahmanan, Punjab, India  
9F36+636, Rasulpur Brahmanan, Punjab 144002, India  
Lat 31.352817°  
Long 75.459604°  
01/08/22 12:35 PM



Constructions of Tsunks & Bunds  
(UGSR at Girls Hostel)

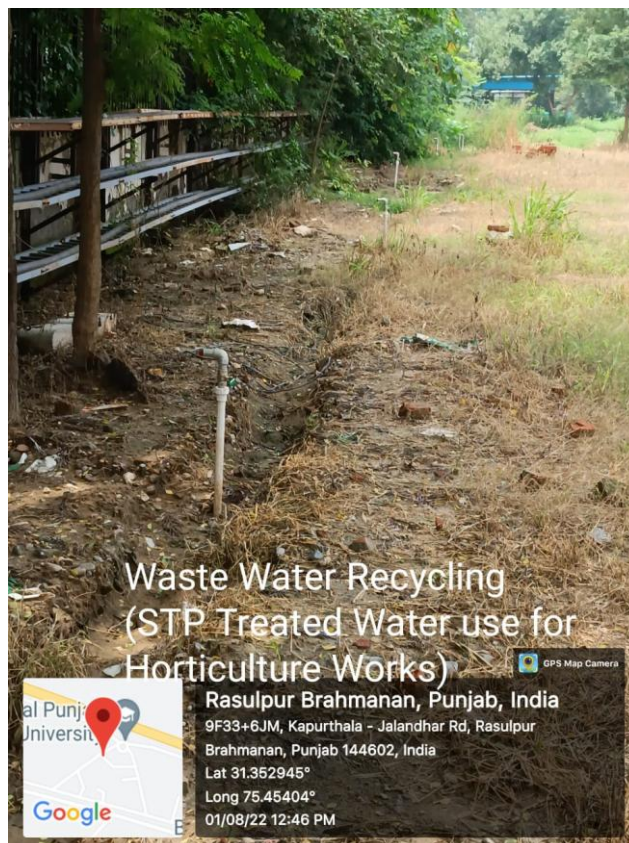
GPS Map Camera



Rasulpur, Punjab, India  
9F27+J7H, Rasulpur, Punjab 144002, India  
Lat 31.351079°  
Long 75.462714°  
01/08/22 12:18 PM



#### 4. Waste water recycling





### Waste Water Recycling (STP Treated Water use for Horticulture Works)

GPS Map Camera

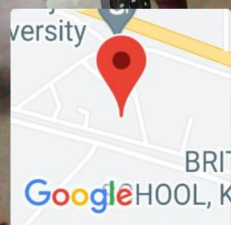


Rasulpur, Punjab, India  
9F27+J7H, Rasulpur, Punjab 144002, India  
Lat 31.351018°  
Long 75.462755°  
01/08/22 12:19 PM

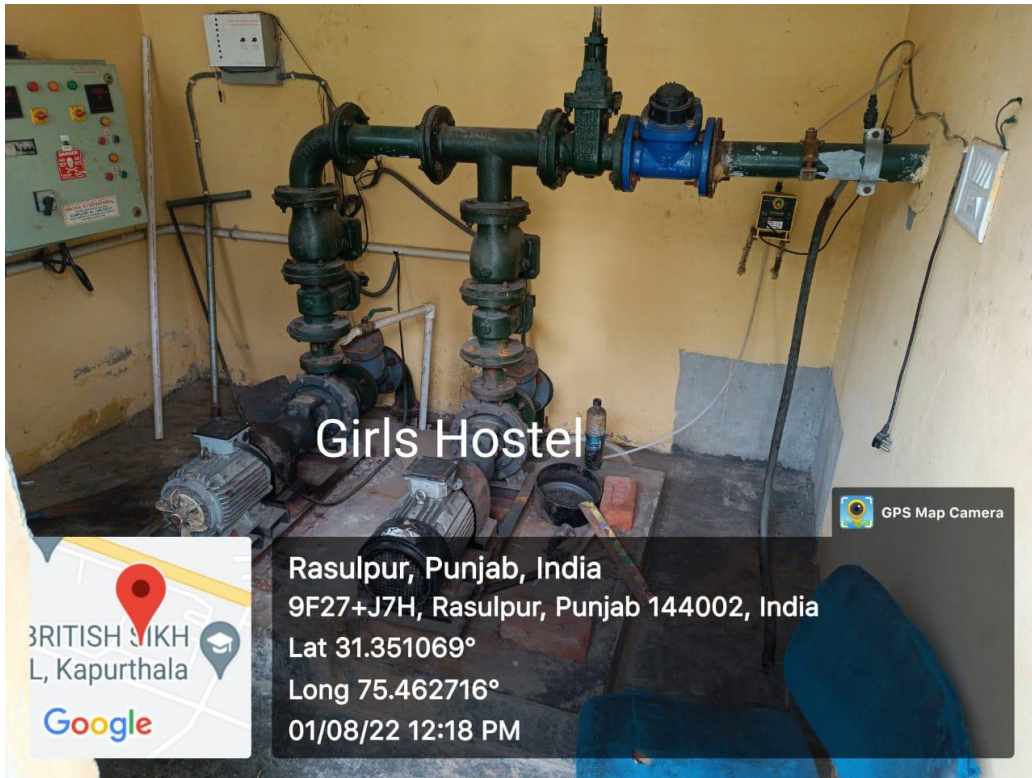


### Main Admin Bldgs

GPS Map Camera



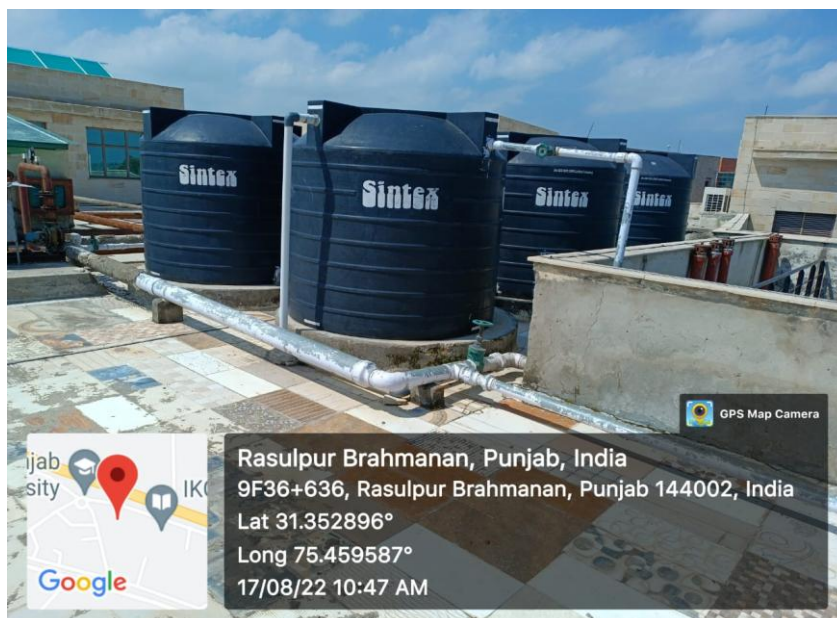
Kapurthala, Punjab, India  
9F25+WHJ, ptu main campus, Kapurthala, Punjab 144002, India  
Lat 31.352057°  
Long 75.458815°  
01/08/22 12:43 PM



**5. Maintenance of water bodies and distribution system in the campus**







**Appeal:** HEI claim is 4. The institute has all the 5 types of water conservation facilities available in the institute. The geo-tagged photographs in this support are given here. Annual Maintenance Contract is also attached herewith.



ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ, ਕਪੂਰਥਲਾ  
I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY JALANDHAR, KAPURTHALA

A State University Established Under Punjab Technical University Act, 1996 (Punjab Act No, 1 of 1997)

ਰਜਿਸਟਰਾਰ ਦਫ਼ਤਰ  
OFFICE OF REGISTRAR

Ref. No. IKGPTU/REG/ XEN/ 863

Dated : 05/08/2021

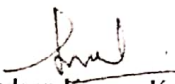
Work Order

M/s. Build India Construction Co.  
507 Friends Colony  
Opp. DAV College  
Jalandhar

Subject: Annual Maintenance Contract for Commercial and Domestic Water Purifiers  
in IKGPTU Campus, Jalandhar-Kapurthala Highway, Kapurthala.


Ref. No. Quotation submitted by you on Dt.27/07/2021.

In reference to the above, I.K. Gujral Punjab Technical University is pleased to place the order on you for the subject work for a period of One Year w.e.f. 05/08/2021 at a total cost of ₹.04,91,450/- (including GST) (Rupees Four Lac Ninety One Thousand Four Hundred and Fifty Only) (BOQ, Terms & Conditions enclosed). The work shall be executed as per Terms & Conditions forming part of the bid submitted by you. For execution of work, you are requested to contact Sh. H. P. Singh, XEN, IKGPTU.

  
(Sandeep Kumar Kazal)  
Registrar

CC :

1. Finance Officer
2. Executive Engineer
3. Estate Officer

  
H.P. SINGH  
EXECUTIVE ENGINEER  
PUNJAB TECHNICAL UNIVERSITY  
JALANDHAR

"Propelling Punjab to a Prosperous Knowledge Society"

I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY

Jalandhar Kapurthala Highway, Kapurthala-144603.

Ph. : 01822-282521, 282501 Email : registrar@ptu.ac.in Website : www.ptu.ac.in

I K Gujral Punjab Technical University

Bill of Quantities

From: M/s. Build India (To be filled by the firm/contractor)  
Construction Co, 507, Friends Colony opp OAV  
College Jalandhar - 140008  
 Subject: Comprehensive Annual Maintenance Contract for Commercial and  
 Domestic Water Purifiers in IKGPTU Campus, Jalandhar-Kapurthala  
 Highway, Kapurthala.

Sr. No.	Type of Water Purifier	Qty.	Rate/year/purifier (including GST)	Total Amount (including GST)
1	Commercial Water Purifiers  Scope of Work for One Year: 1. Replacement of all three type of filters Two times in a year. 2. Replacement of RO Membrane (if required). One Time in year 3. Replacement of Pump (if required ) : One Time in a year. 4. Repair & Replacement of all Electrical Parts (if required) 5. Services: Minimum 3 services (Rest free on call basis)	43 Nos.	9950/-	4,27,950=00
2	Domestic Water Purifiers  Scope of Work for One Year: 1. Replacement of all types of filters . Two times in a year. 2. Replacement of RO Membrane (if required). One Time in a year. 3. Replacement of Pump (if required) One Time in a year 4. Repair & Replacement of all Electrical Parts (if required) 5. Services: Minimum 3 services (Rest free on call basis)	24 Nos.	2650/-	63600=00
Grand Total (including GST)				4,91,550=00

Amount in Words:

Four Lacs ninety one thousand  
 four hundred fifty only

For Build India Construction Co.  
 Signature and Stamp of Bidder  
 Partner

M.P. SINGH  
 EXECUTIVE ENGINEER  
 PURVAKA  
 UNIVERSITY

## ANNEXURE-A

## TERMS, CONDITIONS AND TECHNICAL SPECIFICATIONS

Rates to be quoted by the bidder should be filled in Bill of Quantities.

2. Rates to be quoted by the bidder shall be deemed to be inclusive of all types of direct and indirect taxes imposed by Central State Govt. and local bodies such as GST, excise duty, sales tax, works contract tax, service tax, royalties, duties, cess, octroi and other levies as applicable and also include all import duties. The rates shall also be inclusive of all taxes, duties and other charges imposed outside the country on the production, manufacture, sale and transport of Contractor's equipment, plant, materials and supplies to be used on or furnished under the contract and on the services performed under the contract. No additional amount shall be paid or claim be entertained on this account by IKGPTU.
3. Rates to be quoted shall also be inclusive of all royalties, fees and other payments in respect of patents, patents right and license(s) which may be payable to patentee, licensee or other person or corporation and shall obtain all necessary licenses/permissions. In case of any breach (whether willfully or inadvertently) by the Contractor of this provision, the Contractor shall indemnify IKGPTU, its officer and employees against all claims, proceedings, damages, costs, charges, loss and liability which they or any of them may sustain, incur or be put to by reason or in consequence directly or indirectly of such breach and against payment of any royalties, damages or other money which the IKGPTU may have to make to any persons or pay in total to the patent rights in respect of the users of any machine, instruments, process, articles made or thing constructed, manufactured, supplied or delivered by the Contractor under this contract.
4. Payment Terms:  
Payment will be made on quarterly basis:  
$$\text{Quarterly AMC Payment} = \frac{\text{Grand Total Amount accepted in BOQ}}{4}$$
5. AMC is for one year and may be extended for further period of one year or more on same rates, terms & conditions on mutual consent/mutually agreed between IKGPTU and the Firm.
6. Quantum of work can be increased or decreased during execution of work. Payment will be made on proportionate basis for increased / decreased quantum.
7. The contractor shall have to maintain a Log Book for servicing/cleaning/repairs of Water Purifier and shall have to get it verified from the Estate Office.
8. The bidder is advised to visit and examine the site where the work is to be executed and its surroundings or other areas as deemed fit by the bidder and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and execution of the work. The cost of visiting the site and collecting relevant data shall be at the bidder's own expenses. It is a condition of the tender that the tenderer is deemed to have visited the site and satisfied himself with all the conditions prevailing including any difficulties for executing the work.
9. All the pages of this document shall be submitted by bidder duly signed and stamped by the bidder.

For Build India Construction Co.

Partner

**H.P. SINGH**  
EXECUTIVE ENGINEER  
PUNJAB TECHNICAL UNIVERSITY  
JALANDHAR

e Office No. 11 Water Coolers In Various Buildings of IKGPTU Main Campus, Jai KPT Highway KPT-.pdf



ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲਧਰ, ਕਪੂਰਥਲਾ  
I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY JALANDHAR, KAPURTHALA

ਰਜਿਸਟਰਾਰ ਦਫਤਰ  
OFFICE OF REGISTRAR

Ref. No IKGPTU/REG/~~XEN~~/5672

Dated 11.02.2021

Extension Work Order

M/s. Build India Construction Co.  
507, Friends Colony  
Opp. DAV College  
Jalandhar

Subject: Comprehensive Annual Maintenance Contract for Water Coolers (80Ltr. & 150Ltr.) in Various Buildings of IKGPTU Main Campus, Jalandhar-Kapurthala Highway, Kapurthala.

Ref. No. IKGPTU's Work Order no. IKGPTU/REG/XEN/3876, Dt.05/03/2020.  
Your Consent Letter no. BICC/IKGPTU/1/2021/1, Dt.18/01/2021.

In reference to your above referred letter, I.K. Gujral Punjab Technical University is pleased to extend the above referred work order on your firm for carrying out the subject work for a period of One Year w.e.f 13-03-2021 at a total cost of ₹.04,47,625/- (Rupees Four Lac Forty Seven Thousand Six Hundred and Twenty Five Only) (including GST) on same rates, terms & conditions

  
(Sandeep Kumar Kaur)

Registrar


CC:

1. Finance Officer
2. Executive Engineer
3. Estate Officer

"Propelling Punjab to a prosperous Knowledge Society"

I.K. Gujral Punjab Technical University

Jalandhar Kapurthala Highway, Kapurthala-141003 Ph. : 01822 282521, 282525  
Fax : 01822 282526, 282506 Website : www.ptu.ac.in Email : ikgptu@rediffmail.com

  
H.P. SINGH  
EXECUTIVE ENGINEER  
PUNJAB TECHNICAL UNIVERSITY  
JALANDHAR

Receipt No : 17459/2020/Estate Office

**I.K.Gulraj Punjab Technical University**  
Bill of Quantities

① P.S.  
② 27/2/20  
③  
④

From: M/s. Build India Const. Co. (To be filled by the firm/contractor)  
Soft Friends Colony Jalandhar

Subject: Annual Maintenance Contract for Water Coolers (80Ltr. & 150Ltr.) in Various Buildings of IKGPTU Main Campus, Jalandhar-Kapurthala Highway, Kapurthala.

Sr. No.	Type of Water Coolers	Qty.	Unit	Rate/cooler/year (in ₹)	Total Amount (in ₹)
1	Water Coolers (Capacity: 80 Ltr.) Scope of Work for One Year: 1. Monthly Cleaning 2. Monthly Servicing 3. 100% Repair / Replacement of Water Coolers parts such as Compressor, Fan Motor, Condensing unit, Electrical Parts, Gas Charging etc. (complete in all respect) except Body Frame.	35	Nos.	8525/- (Including GST)	2,98,375/-
2	Water Coolers (Capacity: 150 Ltr.) Scope of Work for One Year: 1. Monthly Cleaning 2. Monthly Servicing 3. 100% Repair / Replacement of Water Coolers parts such as Compressor, Fan Motor, Condensing unit, Electrical Parts, Gas Charging etc. (complete in all respect) except Body Frame.	15	Nos.	9950/- (Including GST)	1,49,250/-
<b>Grand Total</b>					<b>₹4,47,625/-</b>
Amount in Words: <u>Four Lacs forty seven thousands six hundred &amp; twenty five only</u>					
For Build India Construction Co. <i>[Signature]</i> Signature and Stamp of Bidder					

*[Signature]*  
H.P. SINGH  
EXECUTIVE ENGINEER  
PUNJAB TECHNICAL UNIVERSITY  
JALANDHAR

Receipt No : 17459/2020/Estate Office

## ANNEXURE-A


## TERMS, CONDITIONS AND TECHNICAL SPECIFICATIONS

1. Rates to be quoted by the bidder should be filled in Bill of Quantities.
2. Rates to be quoted by the bidder shall be deemed to be inclusive of all types of direct and indirect taxes imposed by Central/State Govt. and local bodies such as excise duty, sales tax, GST, works contract tax, service tax, royalties, duties, cess, octroi and other levies as applicable and also include all import duties. The rates shall also be inclusive of all taxes, duties and other charges imposed outside the country on the production, manufacture, sale and transport of Contractor's equipment, plant, materials and supplies to be used on or furnished under the contract and on the services performed under the contract. No additional amount shall be paid or claim be entertained on this account by IKGPTU.
3. Rates to be quoted shall also be inclusive of all royalties, fees and other payments in respect of patents, patents right and license(s) which may be payable to patentee, licensee or other person or corporation and shall obtain all necessary licenses/permissions. In case of any breach (whether willfully or inadvertently) by the Contractor of this provision, the Contractor shall indemnify IKGPTU, its officer and employees against all claims, proceedings, damages, costs, charges, loss and liability which they or any of them may sustain, incur or be put to by reason or in consequence directly or indirectly of such breach and against payment of any royalties, damages or other money which the IKGPTU may have to make to any persons or pay in total to the patent rights in respect of the users of any machine, instruments, process, articles made or thing constructed, manufactured, supplied or delivered by the Contractor under this contract.
4. Payment Terms:  
Payment will be made on quarterly basis:  

$$\text{Quarterly AMC Payment} = \frac{\text{Grand Total Amount accepted in BOQ}}{4}$$
5. AMC is for one year and may be extended for further period upto one year on same rates, terms & conditions on mutual consent.
6. Quantum of work can be increased or decreased during execution of work. Payment will be made on proportionate basis for increased / decreased quantum.
7. The contractor shall have to maintain a Log Book for the monthly servicing/cleaning/repairs of water coolers and shall have to be get it verified from the Estate Office.
8. The bidder is advised to visit and examine the site where the work is to be executed and its surroundings or other areas as deemed fit by the bidder and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and execution of the work. The cost of visiting the site and collecting relevant data shall be at the bidder's own expenses. It is a condition of the tender that the tenderer is deemed to have visited the site and satisfied himself with all the conditions prevailing including any difficulties for executing the work.
9. All the pages of this document shall be submitted by bidder duly signed and stamped by the bidder.

For Build India Construction Co.

  
Partner

  
**H.P. SINGH**  
 EXECUTIVE ENGINEER  
 PUNJAB TECHNICAL UNIVERSITY  
 JALANDHAR



ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ, ਕਪੂਰਥਲਾ  
I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY JALANDHAR, KAPURTHALA

A State University Established Under Punjab Technical University Act, 1996 (Punjab Act No. 1 of 1997)

ਰਜਿਸਟਰਾਰ ਦਫ਼ਤਰ  
OFFICE OF REGISTRAR

Ref. No. IKGPTU/REG/ XEN/ 861

Dated : 05/08/2021

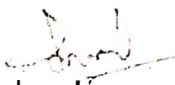
Work Order

M/s. Build India Construction Co.  
507, Friends Colony  
Opp DAV College  
Jalandhar

**Subject:** Annual Maintenance Contract for Mechanized Cleaning of Water Storage Tanks located on Rooftop of Various Buildings of IKGPTU Main Campus and Under Ground Water Storage Tanks of Main Pump House at IKGPTU Main Campus, Jalandhar-Kapurthala Highway, Kapurthala.


**Ref. No.** Quotation submitted by you on Dt.11/06/2021.

In reference to the above, I.K. Gujral Punjab Technical University is pleased to place the order on you for the subject work for a period of One Year w.e.f. 05/08/2021 at a total cost of ₹.04,93,750/- (including GST) (Rupees Four Lac Ninety Three Thousand and Seven Hundred and Fifty Only) (BOQ, Terms & Conditions enclosed). The work shall be executed as per Terms & Conditions forming part of the bid submitted by you. For execution of work, you are requested to contact Sh. H. P. Singh, XEN, IKGPTU

  
(Sandeep Kumar Kazal)  
Registrar

CC:

1. EO
2. Executive Engineer
3. Estate Officer

  
H.P. SINGH  
EXECUTIVE ENGINEER  
PUNJAB TECHNICAL UNIVERSITY  
JALANDHAR

"Propelling Punjab to a Prosperous Knowledge Society"

I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY

Jalandhar Kapurthala Highway, Kapurthala-144003.

Ph. : 01822-282521, 282501 Email : registrar@ptu.ac.in Website : www.ptu.ac.in



Bill of Quantities

2  
3

① Apr  
② 15/02  
③

From: M/s. Build India Construction (To be filled by the firm/contractor) Company, Jalandhar

Subject: Annual Maintenance Contract for Mechanized Cleaning of Water Storage Tanks located on Rooftop of Various Buildings of IKGPTU Main Campus and Under Ground Water Storage Tanks of Main Pump House at IKGPTU Main Campus, Jalandhar-Kapurthala Highway, Kapurthala.

Sr. No.	Particulars	Nos. of Water Storage Tanks	Rate per Water Storage Tank for One Year (in ₹)	Amount (in ₹)
	Mechanized Cleaning of Water Storage Tanks located on Rooftop of Various Buildings of IKGPTU Main Campus and Under Ground Water Storage Tanks of Main Pump House at IKGPTU Main Campus, Kapurthala.  Scope of Work for Mechanized Cleaning for One Year is detailed below:-  1. Dewatering (Three Times in a Year) 2. External Washing (Three Times in a Year). 3. Sludge Removal (Three Times in a Year) 4. Algae Removal (Three Times in a Year). 5. Anti Bacterial Spray (Three Times in a Year). 6. Vacuum Cleaning (Three Times in a Year). 7. UV Treatment/Radiation (Three Times in a Year).			
1	Water Storage Tank - Capacity 10000 Ltrs.	12	8800/-	1,05,600/-
2	Water Storage Tank - Capacity 5000 Ltrs.	51	5650/-	2,88,150/-
3	Water Storage Tank - Capacity 2000 Ltrs.	4	4350/-	17,400/-
4	Water Storage Tank - Capacity 1000 Ltrs.	2	3800/-	7,600/-
5	Water Storage Tank - Capacity 500 Ltrs.	20	2100/-	42,000/-
6	Underground Storage Tanks	2	16500/-	33000/-
<b>Grand Total</b>				<b>Rs 4,93,750/-</b>

Amount in Words: Four Lacs Ninety three thousand seven hundred & fifty only

Note: - Rates are inclusive of G.S.T @ 18%.

For Build India Construction Co.

Wanki  
Partner

Signature and Stamp of Bidder

H.P. SINGH  
EXECUTIVE ENGINEER  
PUNJAB TECHNICAL UNIVERSITY  
JALANDHAR

## TERMS, CONDITIONS AND TECHNICAL SPECIFICATIONS

1. Rates to be quoted by the bidder should be filled in Bill of Quantities.
2. Rates to be quoted by the bidder shall be deemed to be inclusive of all types of direct and indirect taxes imposed by Central/State Govt. and local bodies such as GST, excise duty, sales tax, works contract tax, service tax, royalties, duties, cess, octroi and other levies as applicable and also include all import duties. The rates shall also be inclusive of all taxes, duties and other charges imposed outside the country on the production, manufacture, sale and transport of Contractor's equipment, plant, materials and supplies to be used on or furnished under the contract and on the services performed under the contract. No additional amount shall be paid or claim be entertained on this account by IKGPTU.
3. Rates to be quoted shall also be inclusive of all royalties, fees and other payments in respect of patents, patents right and license(s) which may be payable to patentee, licensee or other person or corporation and shall obtain all necessary licenses/permissions. In case of any breach (whether willfully or inadvertently) by the Contractor of this provision, the Contractor shall indemnify IKGPTU, its officer and employees against all claims, proceedings, damages, costs, charges, loss and liability which they or any of them may sustain, incur or be put to by reason or in consequence directly or indirectly of such breach and against payment of any royalties, damages or other money which the IKGPTU may have to make to any persons or pay in total to the patent rights in respect of the users of any machine, instruments, process, articles matter or thing constructed, manufactured, supplied or delivered by the Contractor under this contract.
4. Payment Terms:
  - Payment may be made to contractor on satisfactory cleanings of Water Storage Tanks. Amount payable on each time cleaning will be as under:-
 
$$\text{AMC Payment} = \frac{\text{Grand Total Amount accepted in BOQ}}{3}$$
5. AMC is for one year and may be extended for further period of one year or more on same rates, terms & conditions on mutual consent/mutually agreed between IKGPTU and the Firm.
6. Quantum of work can be increased or decreased during execution of work. Payment will be made on proportionate basis for increased / decreased quantum.
7. The contractor shall have to maintain a Log Book for the cleaning of Water Storage Tanks and shall have to be get it verified from the Estate Office.
8. The bidder is advised to visit and examine the site where the work is to be executed and its surroundings or other areas as deemed fit by the bidder and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and execution of the work. The cost of visiting the site and collecting relevant data shall be at the bidder's own expenses. It is a condition of the tender that the tenderer is deemed to have visited the site and satisfied himself with all the conditions prevailing including any difficulties for executing the work.
9. All the pages of this document shall be submitted by bidder duly signed and stamped by the bidder.

For Build India Construction Co.

Partner

*M. Singh*  
**M.P. SINGH**  
 EXECUTIVE ENGINEER  
 PUNJAB TECHNICAL UNIVERSITY  
 JALAN...