

CRITERIA 6

SUPPORTING DOCUMENT

**6.2.1 The Institutional Strategic/ Perspective plan
is effectively deployed**

***CONSTRUCTION OF RAIN WATER HARVESTING
SYSTEM***

ANNEXURE-I

Planning and Funding

Ao/G/B | RAH file
ok
30/3/2021

igl

INDRAPRASTHA GAS LIMITED

(A Joint Venture of GAIL, BPCL & Govt. of NCT Delhi)

IGL/CSR/2020-21/50

24 March 2021

Prof. C. Sheela Reddy

Principal

Sri Venkateswara College

Benito Juarez Road,

Dhaura Kuan, New Delhi -110021

Subject: CSR Contribution towards rain water harvesting at Sri Venkateswara College

Dear Madam

This is in reference to your letter dated 23rd February 2021 addressed to our Director (Commercial) seeking our financial contribution to the college towards development of Rain Water Harvesting units at Sri Venkateswara College. We hereby confirm our financial contribution, as our CSR (Corporate Social Responsibility) intervention towards this project.

As per your proposal, our total financial contribution towards this project, for development of 3 number of rain water harvesting units, would be the actual cost with in the budgeted cost of **Rs.9,15,530/- (Rupees Nine Lakhs Fifteen Thousand Five Hundred and Thirty)**.


IGL would release said payment to the college in following three parts:

- (1) First Part payment @ 50% of the project cost, i.e, Rs.4,57,765/- in advance upon submission of invoice/ payment demand letter.
- (2) Second Part payment @ 40% of the project cost, i.e, Rs.3,66,212/-, on actual cost basis, upon completion of the entire project and upon completion of invoice with project completion report & fund utilization certificate for the first part payment.
- (3) Final Part payment @ 10% of the project cost, i.e, Rs. 91,553/-, on actual cost basis, upon submission of fund utilization certificate for entire project cost.

Kindly note that our contribution as “A CSR Initiative of Indraprastha Gas Limited” shall be mentioned at each unit. You are requested to kindly submit copies of PAN Card, GST Registration Certificate, Cancelled Cheque of the bank account and invoice of first part payment.

Thanking you

For, Indraprastha Gas Limited


24/3/2021
Amandeep Singh
CGM (Corporate Communication)

IGL Bhawan, Plot No. 4, Community Centre, Sector-9, R.K. Puram, New Delhi-110 022

Tel. : 46074607 Fax : 26171863 Website : www.iglonline.net

CIN : L23201DL1998PLC097614

An ISO 9001 : 2008, ISO 14001: 2004, OHSAS 18001 : 2007 Certified Organisation

శ్రీ వేంకటేశ్వర కళాశాల
Sri Venkateswara College

(University of Delhi)

NAAC 'A' Accredited, DBT Star 2016

Benito Juarez Road, Dhoola Kuan, New Delhi-110021
Ph.: 011-24112196, 24118590, Telefax : 011-24118535
principal@svc.ac.in

Prof. C. Sheela Reddy
Principal

23rd March, 2021

To,
Sri Y. V. Subba Reddy
Chairman, TTD & S.V. College, Governing Body, New Delhi.
Tirumala Tirupati Devasthanams
Tirupati.
Andhra Pradesh.

Subject: Approval for Rain Water Harvesting initiative- regarding

Respected Sir,

As you are aware, Sri Venkateswara College, University of Delhi, is known not just for its academics, sports and cultural vibrancy, but also for being environmentally conscious. According to a report in 2018 by Central Ground Water Board (CGWB), groundwater level is declining by 0.5 to 2 meters annually in most parts of Delhi. Therefore, we at Sri Venkateswara College, being environmental consciousness, have been aiming to install Rain Water Harvesting (RWH) in our college premises for groundwater recharge.


In this regard, we are happy to inform you that Indraprastha Gas Limited (IGL), New Delhi, is willing to sponsor an amount of about Rs 9,00,000/- (Rupees Nine Lakhs only) for RWH initiative in our College under their CSR Funds as a part of their environmental endeavor


To expedite the work, I would appreciate if you could kindly permit the college to hire rainwater harvesting expert/panel to submit a feasibility / implementation / execution report for obtaining CSR grant from IGL before 31st March 2021, as well as to obtain necessary approvals from concerned authorities and invite tenders for construction of Rain Water Harvesting structures in the College premises.

A communication received from UGC titled 'Catch the Rain' to promote RWH is enclosed for your kind perusal and consideration. Hence, it is requested to accord necessary permission to initiate the Rain Water Harvesting project.

Thanking you,

Encls. As above

Approved


Yours sincerely

Prof. C. Sheela Reddy
Principal



Prof. C. Sheela Reddy
Principal

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principal@svc.ac.in

To

7th June 2021

Mr. Rana Chatterjee
Head of Office,
CGWB SUO
R K Puram
New Delhi - 110022

Subject: Request for technical expertise for Rain Water Harvesting for groundwater recharge

Dear Sir,

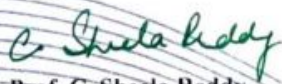
As you are aware, Sri Venkateswara College, University of Delhi, is known not just for its academics, sports and cultural vibrancy, but also for being environmentally conscious.

According to the report by your CGWB, groundwater level is declining by 0.5 to 2 metres annually in most parts of Delhi. Therefore, Sri Venkateswara College has been aiming to install Rainwater Harvesting (RWH) in our college for groundwater recharge.

I would highly appreciate it if you could kindly provide us with your technical expertise and guide us through various steps for installing RWH structures in our college. This will help us to fulfil our responsibility to recharge groundwater and contribute to increasing the water table in the area.

Please feel free to contact me (principal@svc.ac.in) or Dr. Vartika Mathur (vmathur@svc.ac.in; +91 9810386575), who is taking care of this initiative, for any queries or communication.

Looking forward to your favourable reply.


Prof. C. Sheela Reddy
Principal

ANNEXURE-II

Layout



Prof. C. Sheela Reddy
Principal

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Ph.: 011-24112196, 24118590, Telefax : 011-24118535

principal@svc.ac.in

To
Mr. Harish Chander
Executive Engineer, Delhi Jal Board
Varunalya Bhawan, Jhandewalan,
New Delhi-110005

14th July, 2021

Subject: Request for Design of Rainwater Harvesting Structures for Groundwater Recharge
in the campus of Sri Venkateswara College –reg

Sir,

This is in response to Delhi Jal Board (DJB) letter no. DJB/ZRO/(SW)III/RK PURAM/2021/RWH/02 dated 1 July 2021 regarding the installation of Rain Water Harvesting structure and an earlier letter no. DJB/EE(RWH/GWC)/2018/3138 dated 4 December 2019 regarding the design/guidelines for construction of rainwater harvesting structure.

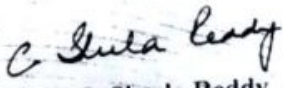
It is to state that due to Covid-19 Pandemic and ensuing lockdown, the college could not take up the matter of installing Rain water harvesting structures sooner. However, I assure you that it is utmost priority of the Institution to get this work done.

As per your aforementioned letter dated 4 December 2019, please find enclosed:

1. Copy of the approved layout plan of the college
2. Total Plot Area: 15 acre (60,700.50 sq.m)
3. Total roof top area is about 8 acre (32,374 sq.m) (details as mentioned in the layout plan)
4. Municipal outfall duly marked in the plan (in black)
5. Ownership proof (Latest Jal Board bill, Telephone bill and Electricity bill)
6. The subject Institution does not have rain water conveyance system and storm water conveyance system. However, down pipes from roof top are presently have free flow and storm/rain water is either going out or absorbed in green belt of Institution.

In view of above, it is requested to provide **Technical Guidance and Design** for rainwater harvesting structures at the earliest, so that we can expedite the process.

Yours Sincerely,


Prof. C. Sheela Reddy

To,
Executive Engineer (RWH/GWC)
 Delhi Jal Board, Room No. 208,
 Varunalaya Phase-I, Jhandewalan,
 Karol Bagh, New Delhi - 110005.

Status Report of RWH Structure.

S.No.	Location	Plot Area (to be provided by owner)	Roof-top area (to be provided by owner)	Approving Agency (DJB)/CGWA/Other)	Existing details			Whether functional (Yes/No)	Remarks
					No. of RWH Pits	Size of RWH pits	No.s/ size of bores		
1.	Office block	433.11 sq.m.	433.11 sq.m.		Nil	NA			
2.	Old Science block	960.14 sq.m.	960.14 sq.m.		Nil	NA			
3.	New Science block	926.79 sq.m.	926.79 sq.m.		Nil	NA			
4	Old Science Block	960.14 sqm	960.14 sqm		Nil	NA			
5	Library	649.67 sqm	649.67 sqm		Nil	NA			
6	Office	433.11 sqm	433.11 sqm		Nil	NA			
7	Canteen	210.70 sqm	210.70 sqm		Nil	NA			
8	New Science Block	926.79 sqm	926.79 sqm		Nil	NA			
9	Auditorium	2452.62 sqm	2452.62 sqm		Nil	NA			
10	Sri Balaji Hostel	435.34 sqm	435.34 sqm		Nil	NA			
11	Sri Padmavathi Hostel	435.34 sqm	435.34 sqm		Nil	NA			

12	Principal Bungalow	195.75 sqm	195.75 sqm		Nil	NA			
13	Staff quarters old building (Teaching old)	281.87 sqm	281.87 sqm		Nil	NA			
14	Staff quarters New building (Teaching New)	227.61 sqm	227.61 sqm		Nil	NA			
15	Staff quarters (Type- III)	280.94 sqm	280.94 sqm		Nil	NA			
16	Staff quarters (Type - IV)	435.71 sqm	435.71 sqm		Nil	NA			
17	Electrical room	98.10 sqm	98.10 sqm		Nil	NA			
18	Meter room	73.59 sqm	73.59 sqm		Nil	NA			

C. Sula Ledy
PRINCIPAL

2016-11-11 09:00

DELHI JAL BOARD: GOVT. OF NCT OF DELHI
OFFICE OF THE EXECUTIVE ENGINEER (RWH/GWC)-I
ROOM NO. 208, VARUNALAYA PHASE-I
KAROL BAGH, NEW DELHI - 110005
23558264

No./DJB/EE (RWH/GWC)-I/2021/ 1209

DATED: 04/8/2024

To,

Principal,
Prof. C. Sheela Reddy,
Sri Venkateswara College,
Benito Juarez Road,
Dhaura Kuan, New Delhi-110021

Subject: Design of rain water harvesting structure at Sri Venkateswara College, Benito Juarez Road, Dhaura Kuan, New Delhi-110021.

Sir,

Please refer to your application on the above subject. A drawing of rain water harvesting structure for the premises including conditions and layout drawing showing location of RWH structure are enclosed. It is to mention that design of rain water harvesting structure is based on the inputs provided by yourself/your representative.

The enclosed design is in form of technical assistance only. Proposed Eight Nos. RWH structure **without bore** of sizes mentioned in the sheet of RWH structure drawing attached herewith. Rain water conveyance system (storm water drain) should be provided and connected with RWH Structure in the above premises.

This is subject to the condition that in case of any restrictions on construction activities in the said premises by any other government authorities and court orders, then this design/approval deemed to stand cancelled. The storm water conveyance system shall be provided in place and made fully operational for efficiency of proposed RWH Structure.


EE (RWH/GWC)-I
EE (RWH/GWC)
DELHI JAL BOARD
VARUNALAYA BHAWAN
JHANDEWALAN, N.D.-5

**Conditions for Construction at Sri Venkateswara College, Benito Juarez
Road, Dhaula Kuan, New Delhi-110021.**

1	Total area of the Plot	60700.50 sqm.
2.	Total Roof Top area considered for RWH Systems	8631.09 sqm.
.3	off available -Average Yearly Rain Water Run for recharge	650 mm
.4	Maximum average hourly rainfall intensity considered for designing rain water harvesting structures	25 mm
.5	Proposed Recharge Structures (drawing enclosed)	Eight nos. recharge pit without recharge bore well .

1. This office should be intimated immediately after completion of the recharge system for inspection by officials of RWH cell of DJB.
2. Structural design for chamber walls & top slab is to be got done from a qualified structural engineer. No claims shall be tenable on account of this.
3. Depth of the recharge trenches/chambers is below the Invert Levels of inlet pipes and up to the first layer of filter media. Sizes in respect of lengths and breadths given in design are the inner dimensions of recharge trenches/ chambers. Foot rests in filtration chamber are to be provided to facilitate entry of maintenance person in this chamber. In case of any doubt, the office of EE (RWH) Cell, DJB may be contacted.
4. Waste water/contaminated water shall not be allowed to enter into the storm water drains (rain water conveyance system) and recharge structures to avoid contamination of ground water. Proper care & precaution shall be taken for maintaining the rain water harvesting system on regular basis.
 - a. Check and clean catchments on weekly basis.
 - b. Check and clean rain water conveyance system on monthly basis.
 - c. Check and clean filtration chamber prior to and after monsoon every year. Take out filter media, wash it and reuse with additional quantities for the deficient portions.

These are to be checked on fortnightly basis during monsoon and are to be cleaned.

5. It is advised to provide a mesh on the mouth of the inlet (in the last chamber of the rain water conveyance system prior to recharge structures) to prevent entry of debris and floating material into the recharge trenches. Sluice valves/ Shutters may be provided to ensure that no water other than rain water is diverted to the recharge structures and to divert first rain water run-off into municipal drain. Rain water recharge structures are to be in operation during the monsoon season only so as to avoid any contamination.

**EE (RWH/GWC)
DELHI JAL BOARD
VARUNALAYA BHAWAN
JHANDEWALAN, N.D.-5**

[Handwritten signature]

ANNEXURE-III
Builder/Constructing
Agency

By Regd. post with Ack. due

From
Engineer-III

Office of the Executive

A.NARASIMHA MURTHY, M.Tech., MBA, T.T. Devasthanams, Tirupati.
EXECUTIVE ENGINEER

Dated: 28-03-2021

LETTER OF ACCEPTANCE

To

M/S Chaudhary Builders,

Sole Prop: Sh. Bhagat Singh,

Khasra No: 299, Village Gokalpur,

Wazirabad Road, Shahdara

Delhi - 110094.

Gentleman,

Sub:- TTD - Engineering Department - Executive Engineer-III Division,
Tirupati - "**Construction of Rain water Harvesting structures in
S.V. College, New Delhi**" - Tender accepted - Concluding the L.S.
Agreement - Requested - Regarding.

Ref:- Your tender, dt: 23-08-2021 vide NIT. No:133/EE-III/TTD/2021-22.

oo00oo

The tender for the subject work quoted by you online under e-procurement platform for **Rs. 10,00,000/- (Rupees ten lakh only)** at (-) 2.25% less than the ECV is accepted as per the terms and conditions.

The written agreement to be entered between you and the T.T. Devasthanams shall be the foundation of the rights of both the parties and the contract should not be deemed to be complete until the agreement is first signed by you and then by Executive Engineer-III on behalf of T.T. Devasthanams.

You are requested to attend the **Office of the Executive Engineer-III, TTD, Tirupati** to furnish the following **on or before 07-09-2021** or within **10 days** from the date of receipt of this letter to conclude the agreement in proper Departmental form for the due fulfillment of the contract. (As per 20.C of Award of contract).

1. **Uploaded EMD DD at the time of tender.**
2. **Balance EMD for Rs.29,700/- (Rupees twenty nine thousand seven**

ANNEXURE-IV

Construction Status



Prof. C. Sheela Reddy
Principal

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Ph.: 011-24112196, 24118590, Telefax : 011-24118535
principal@svc.ac.in

To

The Chief Engineer
Engineering Department
(North Campus)
University of Delhi
Delhi-110007

4 August 2021

Subject: Status of Rainwater harvesting at Sri Venkateswara College

Sir,

This is with reference to your letter no. UE/643/DU/2021-22 dated 27 July 2021 and the earlier letter no. CE/DU/NGT/480 dated 09 July 2021 regarding the status of Rainwater Harvesting at Sri Venkateswara College, University of Delhi.

I am happy to share that the college has received the approved design for construction of Rainwater harvesting structures from Delhi Jal Board (DJB) in compliance with NGT letter/reference no. OA-217/2016, as well as estimate from the DJB-empanelled consultant for its execution and obtaining adequacy certificate from DJB.

The estimated time for completion of this work is three months. This is for your information and necessary action.

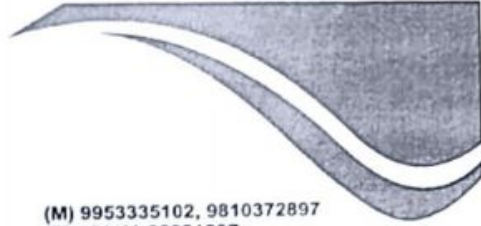
Thanking You,

Yours Sincerely


(Prof. C. Sheela Reddy)



D.K. Associates



(M) 9953335102, 9810372897
(P) +91-11-22321397
N-56, Naveen Shahdara, Delhi-32
E-mail : garg.kamesh@gmail.com

TO
The Principle
Sri Venkateswara Collage
University of Delhi
Dhola Kuan, New Delhi-110021

Date- 04 Sep, 2021

QUOTATION

Construction of Rain Water Harvesting Systems at Sri Venkateswara Collage Dhola Kuan, New Delhi-110021

S. No.	Items	Unit	QTY	Rate	Amount
1	Consaltancy charges for construction of rain water harvesting structure as per delhi jal board design including visit charge at the time of construction of work 1 time in every 10 days upto maximum period 3 months. Instructions during the execution of work shall be communicated to college administration. only which needs to be followed up by the executing agency.	No of RWH Structure	8.00	9500.00	76000.00
Total					76000.00

Terms and conditions:

- 1 18 % GST Extra will be chargeable.
- 2 50% advance along with work order.
- 3 After the 3 month visit will be chargeable @ 3000/visit.

For D.K. Associates

Kamesh Garg
9810372897
9953351052



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Sri Venkateswara College
(University of Delhi)
NAAC 'A' Accredited

Prof. C. Sheela Reddy
Principal

Ref. No. SVC/DFC-RWH-Consultant/2021

20.09.2021

M/s D.K. Associates
N-56, Naveen Shahdara,
Delhi – 110 032
garg.kamesh@gmail.com
9953335102, 9810372897, (011)

Sub: Sri Venkateswara College, New Delhi – Rain Water Harvesting – Appointment as an Consultant – reg.

Dear Sirs,

I am pleased to inform you that it has been decided to appoint your firm as a Consultant for the purposes of consultancy in the matter of provision of Rain Water Harvesting System in the college campus and to facilitate the procedure(s) in obtaining the Completion Certificate from the Delhi Jal Board and other agencies, if any., subject to approval of the college Governing Body.

Further, the college also approved your quotation dated 4th September, 2021 for providing the consultancy services in respect of construction of Rain Water Harvesting Systems in the college campus, as per the details furnished below:

- (1) Consultancy Charges - Rs.76,000/- (Rs.9500 x 8 nos)
- (2) GST (extra) - 18%
- (3) 50% advance along with the work order and the balance on completion of work/obtaining the Completion Certificate from DJB/any agency.
- (4) After the 3 months, the visit will be chargeable @ Rs.3,000/-
- (5) A periodical report (i.e. on every visit) with picture proofs, is to be submitted to college.

If the offer of appointment, under the above terms and conditions is acceptable to your firm, you are requested to intimate your acceptance to the undersigned immediately.

Thanking you,

Yours sincerely

C. Sheela Reddy
PRINCIPAL

Copy to: The Section Officer (Accounts), SVC, New Delhi, for information.

o/c

Case file/DFC file/master file

Proud History.....Promising Future

BENITO JUAREZ ROAD, DHAULA KUAN, NEW DELHI-110021
Ph: 011-24112196, 24118590 Telefax: 011-24118535
Email: principal@svc.ac.in Website: www.svc.ac.in

VISIT NO.	DATE	PROGRESS	COMMENTS	SIGNATURE (Consultant)	SIGNATURE (SVC)
①	20-09-2021	work	<p>- Earth work start to day for 1 No pits. manpower is less so please advise to increase manpowers to come to employ by machine.</p> <p><i>[Signature]</i></p> <p><i>[Signature]</i></p> <p><i>[Signature]</i> 20/9/2021</p>	<p><i>[Signature]</i> 20-9-2021</p>	

Visit No.-	Date	Progress & Comments	Signature (Consultant)	Signature (SVC)
2	29.9.2021	Progress of earth works in 3 No. Boreholes in very slow. <u>Sharma</u>	<u>Sharma</u> 29.9.21	
3	08.10.2021	As per time limit of Rain water harvesting work 3 months. The progress is not upto north. <u>Sharma</u>	<u>Sharma</u> 9.10.2021	
4	18.10.21	Progress of work Progress of work is very slow more than month, only 10% work is execute, out of three months 90% work is balance. Plz. Not to contractor. <u>Sharma</u>	<u>Sharma</u> 18.10.2021	

Visit No.	Date	Progress & Comments	Signature (Consultant)	Signature (E.V.C.)
5	25.10.2021	As per site observation, work progress is very slow, manpower is not sufficient at this rate work will not complete within time. <u>Approved</u>	<u>Approved</u>	
6	06.11.2021	Work progress is very slow as per stipulated time	<u>Approved</u>	
7	22.11.2021	Excavation work is satisfactory but masonry work & plumbing work need to increase manpower	<u>Approved</u>	
8	7.12.2021	due to Benif. Constition in NCR, work is stop	<u>Approved</u>	
9	30.12.2021	due to Benif Constition Benif in Delhi work is stop	<u>Approved</u>	
10	12.1.2022	The plumbing work is start now but contract not attend R.C.C. Slab work. time of work three month. Almost completed	<u>Approved</u>	