

Terms of Reference: Solid & Liquid Waste Management Specialist

[For implementing SWACHH BHARAT MISSION (GRAMIN) (ODF Q&S, ODF PLUS, SLWM & GOBAR – DHAN SCHEME)]

1.	Objective/Purpose	Under the Swachh Bharat Mission, Government of India has emphasised that the highest priority be accorded to rural sanitation to promote cleanliness, hygiene and on elimination of open defecation as well as ensuring its sustainability, and implementing Solid & Liquid Waste management in the villages for improvement in the quality of life of the rural population. Department of Water Supply and Sanitation Punjab is implementing the aforesaid project. The project is scheduled for 5 years from 2020-21 to 2024- 25, and its implementation has already commenced in all 22 districts of the State of Punjab.
2.	Educational Qualifications	Essential:- A Post Graduate degree in Environmental/Public Health Engineering/Environmental Science/ M.Sc in Solid Waste Management with at least 50% marks from a recognised University/Institute. Desirable:- a) Ability to read, write and understand Punjabi (language) / Working knowledge of Punjabi b) Excellent oral and written communication skills
		 c) Strong analytical, reporting and writing abilities skills d) Good knowledge of MS Office and other related software. e) Knowledge of English/Hindi/Punjabi is essential g) Positive, constructive attitude towards work.
3.	Experience Requirements	 Essential:- a) The candidate should have at least 7 years of post qualification experience in Designing, Planning, and Implementing Solid and Liquid Waste Management Systems and Processes including Collection, Treatment, Recycle and safe disposal preferably in the rural sector. b) The candidate must have hands-on experience in planning, design, monitoring and evaluation of Solid & Liquid Waste Management projects including plastic

		waste management, biodegradable waste.
		Desirable
		a) Experience of working with Panchayati Raj Institutions on Environmental Sanitation such as fecal sludge management, social development will be an added advantage.
		b) Experience of work on multilateral supported projects on Solids & Liquid Waste management would be preferred.
		c) Working knowledge of Solid Waste Management & handling rules 2016 framed by Ministry of Environment, Government of India.
		d) Working knowledge of constructed wetlands/Root zone/waste stabilisation ponds for waste water treatment.
		e) Ability to assist department of water supply sanitation/rural development & panchayat department to develop state level SLWM strategy.
		f) Ability to Plan, organise and implement large scale projects.
		g) An ability to multitask and perform under tight deadlines.
		h) Ability to work with diverse team and engage with communities.
4.	Key Deliverables	a) To identify appropriate waste management systems/technologies that is environmentally efficient, economically affordable and socially acceptable for the villages of Punjab.
		b) To advise and provide technical support to Department of Water Supply & Sanitation (DWSS) to plan and design Solid & Liquid Waste Management policies and projects based on community level management.
		c) To develop standard operating procedures for operating and managing community based Solid & Liquid waste management projects.
		d) Handholding of GPs/GPWSCs to take over the O&M of SLWM projects.
		e) To provide technical support (as & when required) for the preparation of Bid documents and implementation guidelines.
		f) To develop specific action plan for the implementation of

		an integrated solid & liquid waste management in ways that are protective to human health and the environment.
5.	Other deliverables	a) To review and verify designs and to undertake needs analysis of the proposed solid & liquid waste management projects in the villages.
		b) To set monitoring systems for villages for solid & liquid waste management projects including information on the composition and volume of waste generated from domestic and commercial sources as required for the preparation of a solid & liquid waste management plan.
		c)To provide technical support to DWSS to ascertain the preferred options for collection and willingness to pay for improved waste collection by rural households and businesses and determine the potential for private sector participation in waste collection, recycling, transportation, and disposal.
		d) To strengthen capacities of GPWSCs/GPs regarding changes in the institutional arrangements for improving collection, storage, transportation, treatment and disposal of solid waste.
		e) To plan and implement trainings on community based approaches on SLWM at State and District level.
		f) To establish public awareness programmes that focus on source waste separation practice, the fate of waste and the economic, environmental and social benefits of best waste management practices.
		g)To develop best practices and to utilise global practices in the field of Solid & Liquid Waste Management, while ensuring adherence to national guidelines at the same time.
		h) To undertake stakeholder consultations with state government, local communities and panchayats.
		i) To undertake liasoning with State/Central Government departments for requisite NOCs etc.
		j) To assist DWSS staff to prepare brochures, flyers, leaflets etc for IEC/IPC activities in villages related to SLWM.
		k) To attend various capacity building programs/events/workshops carried out by State and Central Government.
		l) To undertake any other activities as decided by the HOD, Department of Water Supply & Sanitation from time to time.

6.	Review of Work/Reporting Authority	Head, Office of Head Department of Water Supply & sanitation, Punjab
7.	Remuneration/Entitlements	Salary: Rs 100,000/- per month (negotiable) depending upon qualification, experience & skills (including communication allowance). Travel reimbursement as per the TA rules of the Government of Punjab.
8.	Age Requirements	Minimum Age: 35 years Maximum Age: 62 Years
9.	Tenure of contractual assignment	12 months

General instructions for the Candidates applying for the position of

SLWM Specialist SBM (G)

- 1) The Department of Water Supply & Sanitation (DWSS) invites Application on prescribed format from eligible candidates for the position of 1 SLWM Specialist SBM (G) purely on contract basis.
- 2) For wider publicity and to invoke maximum participation, the department may use various online channels but it is clarified that applications received via online module of DWSS will only be considered and those received directly from these websites will not be considered.
- 3) The applicants need to apply online via the following link http://pbdwss.gov.in/dwss/left_menu/career.html
- 4) While uploading Resume / Curriculum Vitae during online application, standard format for resume as available along with detailed advertisement should be filled with utmost care and diligence and should only be used. Resume received in any other format will not be entertained.
- 5) Incomplete applications or applications submitted on any other format or means other than the prescribed format are liable to be rejected.
- 6) Application received after due date will not be considered, in any case.
- 7) The engagement will initially be for a period of one year from the date of joining which may be extended on the basis of performance of the individual.
- 8) Any addendum/ corrigendum will be published on the department website only and no separate communication will be made to individual applicants.
- 9) The department reserves the right to conduct a written examination for the position of SLWM Specialist SBM (G).
- 10) The requisite experience for the post will be counted from the date of acquiring the prescribed minimum essential qualification for that post (post qualification experience).
- 11) If at any time during scrutiny of the Application Form/documents submitted by the candidate or otherwise, if any document, statement or any other information submitted by the candidate is found to be wrong or incorrect as per the selection/eligibility criteria, the Department reserves the right to cancel the selection of the candidate.
- 12) No TA/DA will be given for attending the interview/ written Test.

Application Form for the post of

Name of the applicant:	
Father's Name:	
Date of Birth:	
Address:	

EDUCATIONAL QUALIFICATIONS:- (starting from highest to lowest):

Qualification	Name of Institute/ University	Regular (Y/N)	Year of Passing	%age

Academic Distinction, if any:.....

EXPERIENCE IN YEARS:-

Total Experience <i>(in years)</i>	
Relevant Experience (in years) as required in TOR hosted on department website	

TOTAL EXPERIENCE DETAILS:-

Organization	Post Held	Period of holding the post (from date)	Period of holding the post (to date)	Brief nature of duties (Role)

Salary Drawn (per month):	Rs
Expected Salary (per month):	Rs

It is certified that the above furnished information is true and correct to the best of my knowledge. If found wrong at any stage during evaluation, my application will be cancelled.

Signature of the Candidate
Mobile No:
Email Id:

Date: Place: