REQUEST FOR PROPOSALS

CONSULTANCY SERVICES

FOR

"Shifting of F&V Market, Badami Bagh / Establishment of Composite Fruit and Vegetable / Grain Market, Lahore."

GOVERNMENT OF THE PUNJAB, AGRICULTURE DEPARTMENT, LAHORE

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Section 1: Letter of Invitation

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SUBJECT: LETTER OF INVITATION

- 1. The Government of the Punjab, Agriculture Department is planning to shift of F&V Market, Badami Bagh, Lahore and to establish a composite Fruit & Vegetable / Grain Market, Lahore near Lakhoder / Handoo Village on a land measuring 1098 Kanals.
- The Government of Punjab invites technical and financial proposals in two separate envelops to provide the following consulting services: <u>Consultancy Services for Shifting of F&V Market, Badami Bagh / Establishment of Composite Fruit and Vegetable / Grain Market, Lahore.</u> Details on the services are provided in the Terms of Reference attached.
- 3. The Consultant will be selected under the Selection Method: <u>Least cost method</u> and procedures, in accordance with the <u>Punjab Procurement Regularity Authority Rules</u> 2014.
- 4. The RFP includes the following additional documents:
 - Section 2 Instructions to Consultants (including Data Sheet)
 - Section 3 Technical Proposal Standard Forms
 - Section 4 Financial Proposal Standard Forms
 - Section 5 Terms of Reference
- 5. It is mandatory for proposals to be made using the Standard Forms of the RFP. Proposals that are not on the prescribed format may be discarded. If any information required in the forms is found missing or written elsewhere, no credit will be given in the relevant section of the evaluation.
- 6. Firms should submit details of **five (05) number of relevant assignments** completed by them for technical evaluation using the prescribed format. Assignments submitted beyond the given number will not be considered.
- 7. CVs of key personnel corresponding to the list given in the Data Sheet should provide details of **5 relevant assignments** done by the individual in the past; including project wise experience with exact time duration

- 8. Further following documents must be attached:
 - Certificate of registration with approved professional body along with renewal letter for the year 2014.
 - Copy of Registration with Securities & Exchange Commission or Registrar of Firms or any other Authority.
 - Copy of Registration with Income Tax Department.
 - Audited statements of accounts and income tax returns for the last three (3) years.
 - A certificate / affidavit that the firm is not blacklisted by any Govt. / Autonomous Body
 - Document Fee PAK Rs. 9,000/- (Rupees Nine Thousand) in the form of pay order / draft in the name of Director of Agriculture (E&M) Punjab, Lahore.

Agriculture Department reserves the right to reject one or all proposals without assigning any reason

Yours Sincerely,

(HAJI BASHIR AHMAD) DIRECTOR Of AGRICULTURE (E&M) PUNJAB, 21-DAVIS ROAD LAHORE

Section 2: Instructions to Consultants

Definitions

- (a) "Client" means the organization with which the selected Consultant signs the Agreement for the Services.
- (b) "Consultant" means any entity or person that may provide or provides the Services to the Client under the Contract.
- (c) "Contract" means the Contract signed by the Parties and all the attached documents.
- (d) "Data Sheet" means such part of the Instructions to Consultants used to reflect specific conditions.
- (e) "Day" means calendar day.
- (f) "Government" means the Government of the Punjab, Agriculture Department.
- (g) "Instructions to Consultants" means the document, which provides shortlisted Consultants with all information needed to prepare their Proposals.
- (h) "LOI" means the Letter of Invitation included in the RFP as Section 1 being sent by the Client to the shortlisted Consultants.
- (i) "Personnel" means professionals and support staff provided by the Consultant or by any Sub-Consultant and assigned to perform the Services or any part thereof; "Foreign Personnel" means such professionals and support staff who at the time of being so provided had their domicile outside Pakistan; "Local Personnel" means such professionals and support staff who at the time of being so provided had their domicile inside Pakistan.
- (j) "Proposal" means the Technical Proposal and the Financial Proposal.
- (k) "RFP" means this Request for Proposal prepared by the Client for the selection of Consultants, based on the Punjab Standard RFP.
- (l) "Services" means the work to be performed by the Consultant pursuant to the Contract.
- (m) "Sub-Consultant" means any person or entity with whom the Consultant sub-contracts any part of the Services.
- (n) "Terms of Reference" (TOR) means the document included in the RFP as Section 5 which explains the objectives, scope of work, activities, tasks to be performed, respective responsibilities of the Client and the Consultant, and expected results and deliverables of the assignment.
- (o) "Short Listed Firms" means the firms meeting the prescribed conditions given at Sr. No. 8 of the invitation letter above.

1. Introduction

- 1.1 The Client named in the Data Sheet will select a consulting firm/organization (the Consultant), in accordance with the method of selection specified in the Data Sheet.
- 1.2 The Shortlisted Consultants (firms meeting the prescribed conditions given at Sr. No. 8 of the invitation letter) are invited to submit a Technical Proposal and a Financial Proposal for consulting services required for the assignment named in the Data Sheet. The proposals should be in separate marked and sealed envelopes. The Proposal will be the basis for Contract negotiations and ultimately for a signed Contract with the selected Consultant.
- 1.3 Consultants should familiarize themselves assignment conditions and take them into account in preparing their Proposals. To obtain first-hand information on the assignment, Consultants are encouraged to visit the Client before submitting a proposal and to attend a preproposal conference if one is specified in the Data Sheet. Attending the pre-proposal conference is optional. Consultants should contact the Client's representative named in the Data Sheet to obtain additional information on the pre-proposal conference. Consultants should ensure these officials are informed well-ahead of time in case they wish to visit the Client.
- 1.4 The Client will timely provide at no cost to the Consultants the inputs and facilities specified in the Data Sheet, assist the firm in obtaining licenses and permits needed to carry out the services, and make available relevant project data and reports.
- 1.5 Consultants shall bear all costs associated with the preparation and submission of their proposals and agreement negotiation. The Client is not bound to accept any proposal, and reserves the right to annul the selection process at any time prior to Contract award, without thereby incurring any liability to the Consultants.

Conflict of Interest

- 1.6 Government of Punjab, Agriculture Department policy requires that Consultants provide professional, objective, and impartial advice and at all times hold the Client's interests paramount, strictly avoid conflicts with other assignments or their own corporate interests and act without any consideration for future work.
 - 1.6.1 Without limitation on the generality of the foregoing, Consultants, and any of their affiliates, shall be considered to have a conflict of interest and shall not be recruited, under any of the circumstances set forth below:

Conflicting activities

(i) A firm that has been engaged by the Client to provide goods, works or services other than consulting services for a project, and any of its affiliates, shall be disqualified from providing consulting services related to those goods, works or services. Conversely, a firm hired to provide consulting services for the preparation or implementation of a project, and any of its affiliates, shall be disqualified from subsequently providing goods or works or services other than consulting services resulting from or directly related to the firm's consulting services for such preparation or implementation. For the purpose of this paragraph, services other than consulting services are defined as those leading to a measurable physical output, for example surveys, exploratory drilling, aerial photography, and satellite imagery.

Conflicting assignments

(ii) A Consultant (including its Personnel and Sub-Consultants) or any of its affiliates shall not be hired for any assignment that, by its nature, may be in conflict with another assignment of the Consultant to be executed for the same or for another Client. For example, a Consultant hired to prepare engineering design for an infrastructure project shall not be engaged to prepare an independent environmental assessment for the same project, and a Consultant assisting a Client in the privatization of public assets shall not purchase, nor advise purchasers of, such assets. Similarly, a Consultant hired to prepare Terms of Reference for an assignment should not be hired for the assignment in question.

Conflicting relationships

- (iii) A Consultant (including its Personnel and Sub-Consultants) that has a business or family relationship with a member of the Client's staff who is directly or indirectly involved in any part of (i) the preparation of the Terms of Reference of the assignment, (ii) the selection process for such assignment, or (iii) supervision of the Contract, may not be awarded an Contract, unless the conflict stemming from this relationship has been resolved in a manner acceptable to the Government of Punjab, Agriculture Department throughout the selection process and the execution of the Contract.
- 1.6.2 Consultants have an obligation to disclose any situation of actual or potential conflict that impacts their capacity to serve the best interest of their Client, or that may reasonably be perceived as having this effect. Failure to disclose said situations may lead to the disqualification of the Consultant or the termination of its Contract.

1.6.3 No agency or current employees of the Client shall work as Consultants under their own ministries, departments or agencies. Recruiting former government employees of the Client to work for their former ministries, departments or agencies is acceptable provided no conflict of interest exists. When the Consultant nominates any government employee as Personnel in their technical proposal, such Personnel must have written certification from their government or employer confirming that they are on leave without pay from their official position and allowed to work full-time outside of their previous official position. Such certification shall be provided to the Client by the Consultant as part of his technical proposal.

Unfair Advantage

1.6.4 If a shortlisted Consultant could derive a competitive advantage from having provided consulting services related to the assignment in question, the Client shall make available to all shortlisted Consultants together with this RFP all information that would in that respect give such Consultant any competitive advantage over competing Consultants.

Fraud and Corruption

- (b) 1.7. The Government of Punjab, Agriculture Department requires Consultants participating in its projects to adhere to the highest ethical standards, both during the selection process and throughout the execution of a contract. In pursuance of this policy, the Government of Punjab, Agriculture Department: defines, for the purpose of this paragraph, the terms set forth below as follows:
- (i) "corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the selection process or in contract execution;
- (ii) "fraudulent practice" means a misrepresentation or omission of facts in order to influence a selection process or the execution of a contract;
- (iii) "collusive practices" means a scheme or arrangement between two or more consultants with or without the knowledge of the Client, designed to establish prices at artificial, noncompetitive levels;
- (iv) "coercive practices" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a contract.
- (c) will reject a proposal for award if it determines that the Consultant recommended for award has, directly or

through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the contract in question;

- (d) will sanction a Consultant, including declaring the Consultant ineligible, either indefinitely or for a stated period of time, to be awarded a Government of Punjab, Agriculture Department contract if at any time it determines that the Consultant has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a Government of Punjab, Agriculture Department contract; and
- (e) will have the right to require that a provision be included requiring Consultants to permit the Government of Punjab, Agriculture Department to inspect their accounts and records and other documents relating to the submission of proposals and contract performance, and have them audited by auditors appointed by the Government of Punjab, Agriculture Department.
- 1.7 Consultants, their Sub-Consultants, and their associates shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by the Government of Punjab, Agriculture Department in accordance with the above para. 1.7. Furthermore, the Consultants shall be aware of the provisions on fraud and corruption stated in the specific clauses in the General Conditions of Contract.
- 1.8 Consultants shall furnish information on commissions and gratuities, if any, paid or to be paid to agents relating to this proposal and during execution of the assignment if the Consultant is awarded the Contract, as requested in the Financial Proposal submission form (Section 4).

Only one Proposal

1.9 Shortlisted Consultants may only submit one proposal. If a Consultant submits or participates in more than one proposal, such proposals shall be disqualified.

Proposal Validity

1.10 The Data Sheet indicates how long Consultants' Proposals must remain valid after the submission date. During this period, Consultants shall maintain the availability of Professional staff nominated in the Proposal. The Client will make its best effort to complete negotiations within this period. Should the need arise, however, the Client may request Consultants to extend the validity period of their proposals. Consultants who agree to such extension shall confirm that they maintain the availability of the Professional staff nominated in the Proposal, or in their confirmation of extension of validity of the Proposal, Consultants could submit new staff in replacement, who

would be considered in the final evaluation for contract award. Consultants who do not agree have the right to refuse to extend the validity of their Proposals.

Eligibility of Sub-Consultants

1.11 In case a shortlisted Consultant intends to associate with Consultants who have not been shortlisted and/or individual expert(s), such other Consultants and/or individual expert(s) shall be subject to the eligibility criteria set forth in the Guidelines.

2. Clarifications and Amendment of RFP Documents

- 2.1 Consultants may request a clarification of any of the RFP documents up to the number of days indicated in the Data Sheet before the proposal submission date. Any request for clarification must be sent in writing, or by standard electronic means to the Client's address indicated in the Data Sheet. The Client will respond in writing, or by standard electronic means and will send written copies of the response (including an explanation of the query but without identifying the source of inquiry) to all Consultants. Should the Client deem it necessary to amend the RFP as a result of a clarification, it shall do so following the procedure under para. 2.2.
- 2.2 At any time before the submission of Proposals, the Client may amend the RFP by issuing an addendum in writing or by standard electronic means. The addendum shall be sent to all Consultants and will be binding on them. Consultants shall acknowledge receipt of all amendments. To give Consultants reasonable time in which to take an amendment into account in their Proposals the Client may, if the amendment is substantial, extend the deadline for the submission of Proposals.

3. Preparation of Proposals

- 3.1 The Proposal (see para. 1.2), as well as all related correspondence exchanged by the Consultants and the Client, shall be written in the language (s) specified in the Data Sheet.
- 3.2 In preparing their Proposal, Consultants are expected to examine in detail the documents comprising the RFP. Material deficiencies in providing the information requested may result in rejection of a Proposal.
- 3.3 While preparing the Technical Proposal, Consultants must give particular attention to the following:
 - (a) If a shortlisted Consultant considers that it may enhance its expertise for the assignment by associating with other Consultants in a joint venture or sub-consultancy, it may associate with either (a) non-shortlisted Consultant(s), or

- (b) shortlisted Consultants if so indicated in the Data Sheet. A shortlisted Consultant must first obtain the approval of the Client if it wishes to enter into a joint venture with any other shortlisted Consultant(s). In case of association with non-shortlisted Consultant(s), the shortlisted Consultant shall act as association leader. Any associations must be clearly indicated in the technical proposal. In case of a joint venture, all partners shall be jointly and severally liable and shall indicate who will act as the leader of the joint venture.
- (b) For fixed-budget-based assignments, the available budget is given in the Data Sheet, and the Financial Proposal shall not exceed this budget.
- (c) Alternative professional staff shall not be proposed, and only one curriculum vitae (CV) may be submitted for each position.

Technical Proposal Format and Content

- 3.4 The Technical Proposal shall provide the information indicated in the following paras from (a) to (g) using the attached Standard Forms (Section 3). Paragraph (c) (ii) indicates the recommended number of pages for the description of the approach, methodology and work plan of the Technical Proposal. A page is considered to be one printed side of A4 or letter size paper.
 - (a) A brief description of the Consultants' organization and an outline of recent experience of the Consultants (each partner in case of joint venture) on assignments of a similar nature is required in Form TECH-2 of Section 3. For each assignment, the outline should indicate the names of Sub-Consultants/ Professional staff who participated, duration of the assignment, contract amount, and Consultant's involvement. Information should be provided only for those assignments for which the Consultant was legally engaged by the Client as a firm or as one of the major firms within a joint venture. Assignments completed by individual Professional staff working privately or through other consulting firms cannot be claimed as the experience of the Consultant, or that of the Consultant's associates, but can be claimed by the Professional staff themselves in their CVs. Consultants should be prepared to substantiate the claimed experience if so requested by the Client.
 - (b) Comments and suggestions on the Terms of Reference including workable suggestions that could improve the quality/ effectiveness of the assignment; and on requirements for counterpart staff and facilities including:

- administrative support, office space, local transportation, equipment, data, etc. to be provided by the Client (Form TECH-3 of Section 3).
- (c) A description of the approach, methodology and work plan for performing the assignment covering the following subjects: technical approach and methodology, work plan, and organization and staffing schedule. Guidance on the content of this section of the Technical Proposals is provided under Form TECH-4 of Section 3. The work plan should be consistent with the Work Schedule (Form TECH-8 of Section 3), which will show in the form of a bar chart the timing proposed for each activity.
- (d) The list of the proposed Professional staff team by area of expertise, the position that would be assigned to each staff team member, and their tasks (Form TECH-5 of Section 3).
- (e) Estimates of the staff input (staff-months of foreign and local professionals) needed to carry out the assignment (Form TECH-7 of Section 3). The staffmonths input should be indicated separately for home office and field activities, and for foreign and local Professional staff.
- (f) CVs of the Professional staff signed by the staff themselves or by the authorized representative of the Professional Staff (Form TECH-6 of Section 3) along with their Computerized National Identity Card numbers (if local) or Passport numbers (if foreign).
- (g) A detailed description of the proposed methodology and staffing for training, if the Data Sheet specifies training as a specific component of the assignment.
- 3.5 The Technical Proposal shall not include any financial information. A Technical Proposal containing financial information may be declared non responsive.

Financial Proposals

3.6 The Financial Proposal shall be prepared using the attached Standard Forms (Section 4). It shall list all costs associated with the assignment, including (a) remuneration for staff (foreign and local, in the field and at the Consultants' home office), and (b) reimbursable expenses indicated in the Data Sheet. If appropriate, these costs should be broken down by activity and, if appropriate, into foreign and local expenditures. All activities and items described in the Technical Proposal must be priced

separately; activities and items described in the Technical Proposal but not priced, shall be assumed to be included in the prices of other activities or items.

Taxes

- 3.7 The Consultant may be subject to local taxes (such as: value added or sales tax or income taxes on non resident Foreign Personnel, duties, fees, levies) on amounts payable by the Client under the Agreement. The Client will state in the Data Sheet if the Consultant is subject to payment of any taxes.
- 3.8 Consultants should express the price of their services in Pakistan Rupees. Prices in other currencies should be converted to Pakistan Rupees using the selling rates of exchange given by the State Bank of Pakistan for the date indicated in the Data Sheet.
- 3.9 Commissions and gratuities, if any, paid or to be paid by Consultants and related to the assignment will be listed in the Financial Proposal Form FIN-1 of Section 4.
- 4. Submission, Receipt, and Opening of Proposals
- 4.1 The original proposal (Technical Proposal and, if required, Financial Proposal; see para. 1.2) shall contain no interlineations or overwriting, except as necessary to correct errors made by the Consultants themselves. The person who signed the proposal must initial such corrections. Submission letters for both Technical and Financial Proposals should respectively be in the format of TECH-1 of Section 3, and FIN-1 of Section 4.
- 4.2 An authorized representative of the Consultants shall initial all pages of the original Technical and Financial Proposals. The authorization shall be in the form of a written power of attorney accompanying the Proposal or in any other form demonstrating that the representative has been duly authorized to sign. The signed Technical and Financial Proposals shall be marked "Original".
- 4.3 The Technical Proposal shall be marked "ORIGINAL" or "COPY" as appropriate. The Technical Proposals shall be sent to the addresses referred to in para. 4.5 and in the number of copies indicated in the Data Sheet. All required copies of the Technical Proposal are to be made from the original. If there are discrepancies between the original and the copies of the Technical Proposal, the original governs.
- 4.4 The original and all copies of the Technical Proposal shall be placed in a sealed envelope clearly marked "TECHNICAL PROPOSAL" Similarly, the original Financial Proposal (if required under the selection method indicated in the Data Sheet) shall be placed in a sealed envelope

clearly marked "FINANCIAL PROPOSAL" followed by the name of the assignment, and with a warning "Do NoT OPEN WITH THE TECHNICAL PROPOSAL." envelopes containing the Technical and Financial Proposals shall be placed into an outer envelope and sealed. This outer envelope shall bear the submission address and title of the Assignment, clearly marked "Do NOT OPEN, EXCEPT IN PRESENCE OF THE OFFICIAL APPOINTED, BEFORE SUBMISSION DEADLINE". Client shall not be responsible for misplacement, losing or premature opening if the outer envelope is not sealed and/or marked as stipulated. This circumstance may be case for Proposal rejection. If the Financial Proposal is not submitted in a separate sealed envelope duly marked as indicated above, this will constitute grounds for declaring the Proposal non-responsive.

- 4.5 The Proposals must be sent to the address/addresses indicated in the Data Sheet and received by the Client no later than the time and the date indicated in the Data Sheet, or any extension to this date in accordance with para. 2.2. Any proposal received by the Client after the deadline for submission shall be returned unopened.
- 4.6 The Client shall open the Technical Proposal immediately after the deadline for their submission. The envelopes with the Financial Proposal shall remain sealed and securely stored.

5. Proposal Evaluation

5.1 From the time the Proposals are opened to the time the Contract is awarded, the Consultants should not contact the Client on any matter related to its Technical and/or Financial Proposal. Any effort by Consultants to influence the Client in the examination, evaluation, ranking of Proposals, and recommendation for award of Contract may result in the rejection of the Consultants' Proposal.

Evaluators of Technical Proposals shall have no access to the Financial Proposals until the technical evaluation is concluded.

Evaluation of Technical Proposals

Proposals on the basis of their responsiveness to the Terms of Reference, applying the evaluation criteria, sub-criteria, and point system specified in the Data Sheet. Each responsive Proposal will be given a technical score (St). A Proposal shall be rejected at this stage if it does not respond to important aspects of the RFP, and particularly the Terms of Reference or if it fails to achieve the minimum technical score indicated in the Data Sheet.

Financial Proposals for OBS

5.3 Following the ranking of technical Proposals, when selection is based on quality only (QBS), the first ranked Consultant is invited to negotiate its proposal and the Contract in accordance with the instructions given under para. 6 of these Instructions.

Public Opening and Evaluation of Financial Proposals (only for QCBS, Fixed Budget Selection, and <u>Least-Cost</u> <u>Selection</u>)

- 5.4 After the technical evaluation is completed, the Client shall inform the Consultants who have submitted proposals the technical scores obtained by their Technical Proposals, and shall notify those Consultants whose Proposals did not meet the minimum qualifying mark or were considered non responsive to the RFP and TOR, that their Financial Proposals will be returned unopened. The Client shall simultaneously notify in writing Consultants that have secured the minimum qualifying mark, the date, time and location for opening the Financial Proposals. Consultants' attendance at the opening of Financial Proposals is optional. The opening date shall be set so as to allow interested Consultants sufficient time to make arrangements for attending the opening.
- 5.5 Financial Proposals shall be opened publicly in the presence of the Consultants' representatives who choose to attend. The name of the Consultants, and the technical scores of the Consultants shall be read aloud. The Financial Proposal of the Consultants who met the minimum qualifying mark will then be inspected to confirm that they have remained sealed and unopened. These Financial Proposals shall be then opened, and the total prices read aloud and recorded.
- 5.6 The Evaluation Committee will correct any computational errors. When correcting computational errors, in case of discrepancy between a partial amount and the total amount, or between word and figures, the formers will prevail. In addition to the above corrections, as indicated under para. 3.6, activities and items described in the Technical Proposal but not priced, shall be assumed to be included in the prices of other activities or items. In case an activity or line item is quantified in the Financial Proposal differently from the Technical Proposal, (i) if the Time-Based form of contract has been included in the RFP, the Evaluation Committee shall correct the quantification indicated in the Financial Proposal so as to make it consistent with that indicated in the Technical Proposal, apply the relevant unit price included in the Financial Proposal to the corrected quantity and correct the total Proposal cost, (ii) if the Lump-Sum form of contract has been included in the RFP, no corrections are applied to the Financial Proposal in this respect.

- 5.7 The lowest evaluated Financial Proposal shall be given maximum score and considered for award of contract.
- 5.8 In the case of Fixed-Budget Selection, the Client will select the firm that submitted the highest ranked Technical Proposal within the budget. Proposals that exceed the indicated budget will be rejected. In the case of the Least-Cost Selection, the Client will select the lowest proposal among those that passed the minimum technical score. In both cases the evaluated proposal price according to para. 5.6 shall be considered, and the selected firm is invited for negotiations.

6. Negotiations Award of Contract

6.1 Negotiations will be held at the date and address indicated in the Data Sheet. The invited Consultant will, as a pre-requisite for attendance at the Negotiations, confirm availability of all Professional staff. Failure in satisfying such requirements may result in the Client proceeding to negotiate with the next-ranked Consultant. Representatives conducting negotiations on behalf of the Consultant must have written authority to negotiate and conclude a Contract.

Technical negotiations

6.2 Negotiations will include a discussion of the Technical Proposal, the proposed technical approach and methodology, work plan, and organization and staffing, and any suggestions made by the Consultant to improve the Terms of Reference. The Client and the Consultants will finalize the Terms of Reference, staffing schedule, work schedule, logistics, and reporting. These documents will then be incorporated in the Contract as "Description of Services". Special attention will be paid to clearly defining the inputs and facilities required from the Client to ensure satisfactory implementation of the assignment. The Client shall prepare minutes of negotiations, which will be signed by the Client and the Consultant.

Financial negotiations

6.3 If applicable, it is the responsibility of the Consultant, before starting financial negotiations, to determine the tax amount to be paid by the Consultant under the Contract. The financial negotiations will reflect the agreed technical modifications in the cost of the services. In the cases of QCBS, Fixed-Budget Selection, and the Least-Cost Selection methods, financial negotiations can involve the remuneration rates for staff or other proposed unit rates if there is a revision of scope or if the bid rate exceeds the available budget. For other methods, Consultants will provide the Client with the information on remuneration rates described in the Appendix attached to Section 4 - Financial Proposal - Standard Forms of this RFP.

Availability of Professional staff/experts

6.4 Having selected the Consultant on the basis of, among other things, an evaluation of proposed Professional staff, the Client expects to negotiate an Contract on the basis of the Professional staff named in the Proposal. Before contract negotiations, the Client will require assurances that the Professional staff will be actually available. The Client will not consider substitutions during contract negotiations unless both parties agree that undue delay in the selection process makes such substitution unavoidable or for reasons such as death or medical incapacity. If this is not the case and if it is established that Professional staff were offered in the proposal without confirming their availability, the Consultant may disqualified. Any proposed substitute shall have equivalent or better qualifications and experience than the original candidate and be submitted by the Consultant within the period of time specified in the letter of invitation to negotiate.

Conclusion of the negotiations

6.5 Negotiations will conclude with a review of the draft Contract. To complete negotiations The Client and the Consultant will initial the agreed Contract. If negotiations fail, the Client will invite the Consultant whose Proposal received the second highest score to negotiate an Contract.

7. Award of Agreement

- 7.1 After completing negotiations The Client shall award the Contract to the selected Consultant and promptly notify all Consultants who have submitted proposals. After Contract signature, the Client shall return the unopened Financial Proposals to the unsuccessful Consultants.
- 7.2 The Consultant is expected to commence the assignment on the date and at the location specified in the Data Sheet.

8. Confidentiality

8.1 Information relating to evaluation of Proposals and recommendations concerning awards shall not be disclosed to the Consultants who submitted the Proposals or to other persons not officially concerned with the process, until the publication of the award of Contract. The undue use by any Consultant of confidential information related to the process may result in the rejection of its Proposal and may be subject to the provisions of the Consultant Selection Guidelines relating to fraud and corruption.

Instructions to Consultants

DATA SHEET

Paragraph Reference	
1.1	Name of the Client: Government of Punjab, Agriculture Department Method of selection: Least Cost Method (LCM)
1.2	Financial Proposal to be submitted together with Technical Proposal: Yes \(\frac{1}{2} \) No
	Name of the assignment is: Consultancy Services for Shifting of F&V Market, Badami Bagh / Establishment of Composite Fruit and Vegetable / Grain Market, Lahore
1.3	A pre-proposal conference will be held on
	The Client's representative is:
	HAJI BASHIR AHMAD DIRECTOR OF AGRICULTURE (E&M) PUNJAB LAHORE PHONE NO. 042-99200717, 99200754
1.4	The Client will provide at no cost to the Consultants: Office space
1.6.1 (a)	The Client envisages the need for continuity for downstream work: Yes No $\sqrt{}$
1.12	Proposals must remain valid <u>90</u> days w.e.f. the last date of submission of proposal
2.1	Clarifications may be requested not later than 1500 hours (Pakistan Standard Time, GMT+5) on Clarifications may be sought by sending an electronic request at the following e-mail address:
3.1	Proposals shall be submitted in the following language: English Information in any other language shall be accompanied by certified translation in English.
3.4 (a)	Firms should submit details of 05 number of assignments of similar complexity and scale completed by them. (give detail of projects / assignments completed alongwith address of location and beneficiaries detail)
3.4 (b)	CVs should contain details on 5 relevant assignments done by the individual in the past.

3.4 (c)	Training is a specific component of this assignment: Y	es No		
3.6	Applicable Reimbursable expenses in local curr	ency		
	 (i) cost of applicable international or local comme telephone, facsimile required for purpose of the (ii) cost of necessary travel including transportation most appropriate means of transport and the most cost of printing and dispatching of reports to be 	e services on of the personnel by the ost direct practicable route		
3.7	Amounts payable by the Client to the Consultant under subject to local taxation: Yes _\sqrt{\sq}}}}}}}}} clses} \sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}} clses} \sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}}} clses}			
	The Client will withhold taxes on behalf of the Consul-	tant: [Yes]		
3.8	Consultant to state Financial proposal in the national currency i.e. Pak Rupee: $Yes_\sqrt{No}$			
4.3	Consultant must submit the original and three <i>copies</i> of the Technical Proposal, and the original of the Financial Proposal (one copy).			
4.5	The Proposal must be submitted to:			
	Haji Bashir Ahmad Director of Agriculture (E&M), Punjab, 21-Davis Road, Lahore Proposals must be submitted not later than 1500 hours PST within 15 days of issuance of RFP (till 24.03.2014).			
5.2 (a)	Criteria, sub-criteria, and point system for the evaluation of Technic	al Proposals are:		
A-I	(i) Company Profile:	<u>Points</u> [100]		
A-I	a) Number of similar assignments 1. Completed projects of similar nature b) Value (Cost) of similar assignments 1. Completed projects of similar nature c) Organizational structure	[45] [45] [10]		
A-II	1. International Certification 2. Organ gram (ii) Project Team: a) Team Leader / Agriculture Marketing Expert b) Civil Engineer / Town Planner c) Architect d) Public Health Engineer e) Electrical Engineer f) Traffic Engineer g) Environment Assessment Expert h) Agriculture Economist / Economist The number of points to be assigned to each of the above po determined considering the following three sub-criteria and 1) Education and qualifications 2) Relevant background/ Experience	=		

A-III	(iii) Approach & Methodology:	[100]	
	a) Understanding & Innovativeness	[40]	
	b) Methodology & Work plan [60]		
	$\frac{AI \times 20}{100} + \frac{AII \times 60}{100} + \frac{AIII \times 20}{100}$		
	The minimum qualifying technical score points will be: <u>65</u> points:		
6	Expected date and address for contract negotiations:		
7	Expected date for commencement of consulting services at <u>Lahore</u>		

Section 3: Technical Proposal - Standard Forms

Refer to Reference Paragraph 3.4 of the Data Sheet for format of Technical Proposal to be submitted, and paragraph 3.4 of Section 2 of the RFP for Standard Forms required and number of pages recommended.

TECH-1	Technical Proposal Submission Form
TECH-2	Consultant's Organization and Experience A Consultant's Organization B Consultant's Experience
TECH-3	Comments or Suggestions on the Terms of Reference and on Counterpart Staff and Facilities to be provided by the Client A On the Terms of Reference B On the Counterpart Staff and Facilities
TECH-4	Description of the Approach, Methodology and Work Plan for Performing the Assignment
TECH-5	Team Composition and Task Assignments
ТЕСН-6	Curriculum Vitae (CV) for Proposed Professional Staff
TECH-7	Staffing Schedule
TECH-8	Work Schedule

FORM TECH-1 TECHNICAL PROPOSAL SUBMISSION FORM

To:	[Name and address of Client]
Dear	Sir,
Propo	We, the undersigned, offer to provide the consulting services for [Insert title of nument] in accordance with your Request for Proposal dated [Insert Date] and our sal. We are hereby submitting our Proposal, which includes this Technical Proposal, Financial Proposal sealed under a separate envelope ¹ .
addre	We are submitting our Proposal in association with: [Insert a list with full name and ass of each associated Consultant] ²
true a	We hereby declare that all the information and statements made in this Proposal are nd accept that any misinterpretation contained in it may lead to our disqualification.
the b	If negotiations are held during the period of validity of the Proposal, i.e., before the ndicated in Paragraph Reference 1.12 of the Data Sheet, we undertake to negotiate on asis of the proposed staff. Our Proposal is binding upon us and subject to the fications resulting from Contract negotiations.
to the	We undertake, if our Proposal is accepted, to initiate the consulting services related assignment not later than the date indicated in Paragraph Reference 7.2 of the Data.
	We understand you are not bound to accept any Proposal you receive.
	We remain,
	Yours sincerely,
	Authorized Signature [In full and initials]:
	Address:
1 [7	Description of Defending 12 of the Detail Chapters in the Latin Table 12 of the Detail Chapters in the Latin Ta
1 [<i>In</i>	case Paragraph Reference 1.2 of the Data Sheet requires to submit a Technical Proposal only, replace

this sentence with: "We are hereby submitting our Proposal, which includes this Technical Proposal only."]

2 [Delete in case no association is foreseen.]

[Location, Date]

FORM TECH-2 CONSULTANT'S ORGANIZATION AND EXPERIENCE

A - Consultant's Organization

[Provide here a brief (two pages) description of the background and organization of your firm/entity (including organogram) and each associate for this assignment.]

Firm Background:	
Chief Executive Officer:	
Chief Financial Officer:	
Chief Technical Officer (or equivalent):	

B - Consultant's Experience

[Using the format below, provide information on each assignment for which your firm, and each associate for this assignment, was legally contracted as a corporate entity or as one of the major companies within an association, for carrying out consulting services similar to the ones requested under this Assignment. Please provide Client's certification and/or evidence of the contract agreement.]

Assignment name:	Value of the contract (in current PKR or US\$):
Country: Location within country:	Duration of assignment (months):
Name of Client:	Total N^{0} of staff-months (by your firm) on the assignment:
Start date (month/year): Completion date (month/year):	Value of consultancy services provided by your firm under the contract (in current PKR or US\$):
Name of associated Consultants, if any:	$N^{\mbox{\scriptsize o}}$ of professional staff-months provided by associated Consultants:
Name of senior professional staff of your firm involved profiles such as Project Director/Coordinator, Team Le	
Narrative description of Project:	
Description of actual services provided by your staff w	ithin the assignment:

FORM TECH-3 COMMENTS AND SUGGESTIONS ON THE TERMS OF REFERENCE AND ON COUNTERPART STAFF AND FACILITIES TO BE PROVIDED BY THE CLIENT

A - On the Terms of Reference

[Present and justify here any modifications or improvement to the Terms of Reference you are proposing to improve performance in carrying out the assignment (such as deleting some activity you consider unnecessary, or adding another, or proposing a different phasing of the activities). Such suggestions should be concise and to the point, and incorporated in your Proposal.]

B - On Counterpart Staff and Facilities

[Comment here on counterpart staff and facilities to be provided by the Client according to Paragraph Reference 1.4 of the Data Sheet including: administrative support, office space, local transportation, equipment, data, etc.]

FORM TECH-4 DESCRIPTION OF APPROACH, METHODOLOGY AND WORK PLAN FOR PERFORMING THE ASSIGNMENT

[Technical approach, methodology and work plan are key components of the Technical Proposal. You are suggested to present your Technical Proposal (50 pages maximum, inclusive of charts and diagrams) divided into the following three chapters:

- a) Technical Approach and Methodology,
- b) Work Plan, and
- c) Organization and Staffing,
- a) <u>Technical Approach and Methodology.</u> In this chapter you should explain your understanding of the objectives of the assignment, approach to the services, methodology for carrying out the activities and obtaining the expected output, and the degree of detail of such output. You should highlight the problems being addressed and their importance, and explain the technical approach you would adopt to address them. You should also explain the methodologies you propose to adopt and highlight the compatibility of those methodologies with the proposed approach.
- b) <u>Work Plan.</u> In this chapter you should propose the main activities of the assignment, their content and duration, phasing and interrelations, milestones (including interim approvals by the Client), and delivery dates of the reports. The proposed work plan should be consistent with the technical approach and methodology, showing understanding of the TOR and ability to translate them into a feasible working plan. A list of the final documents, including reports, drawings, and tables to be delivered as final output, should be included here. The work plan should be consistent with the Work Schedule of Form TECH-8.
- c) <u>Organization and Staffing.</u> In this chapter you should propose the structure and composition of your team. You should list the main disciplines of the assignment, the key expert responsible, and proposed technical and support staff.]

1

FORM TECH-5 TEAM COMPOSITION AND TASK ASSIGNMENTS

Name of Staff	CNIC No./Passport No.	Firm	Area of Expertise	Position Assigned	Task Assigned

FORM TECH-6 CURRICULUM VITAE (CV) FOR PROPOSED PROFESSIONAL STAFF

	Proposed Position [only one candidate shall be nominated for each position]: Name of Firm [Insert name of firm proposing the staff]:						
3.	Name of Staff [Insert full name]:						
4.				Nationality:			
5.			or Passport No:				
6.	Education	:					
Deş	gree	Major/Minor	In	stitution	1	Date (MM/YYYY)	
				s:ince degrees under 6 - E			
9.	Languages	[For each langua	ge indicate proficie	ncy: good, fair, or poor	in speakin	g, reading, and writin	
10.	staff member s	_	iving for each emp	osition, list in reverse or loyment (see format here			
Em	ployer	1	Position	From (MM/	YYYYY)	To (MM/YYYY)	

11.	Det	aned Tasks Assigned
	[List	t all tasks to be performed under the assignment]
12.	Wo	rk Undertaken that Best Illustrates Capability to Handle the Tasks Assigned
		ong the assignments in which the staff has been involved, indicate the following information for assignments that best illustrate staff capability to handle the tasks listed under point 11.]
	1)	Name of assignment or project:
		Year:
		Location:
		Client:
		Main project features:
		Positions held:
		Activities performed:
	2)	Name of assignment or project:
	-/	Year:
		Location:
		Client:
		Main project features:
		Positions held:

	Activities performed:
3)	Name of assignment or project:
	Year:
	Location:
	Client:
	Main project features:
	Positions held:
	Activities performed:
	-
[Unr	roll the project details group and continue numbering (4, 5,) as many times as is required]
13. Cert	ification:
I, the un	dersigned, certify that to the best of my knowledge and belief, this CV correctly
describes	s my qualifications, my experience, and myself. I understand that any willfu
misstateı	ment described herein may lead to my disqualification or dismissal, if engaged.
	D. A
[Signature	Date: of staff member or authorized representative of the staff] Day/Month/Year
	of authorized representative:

FORM TECH-7 STAFFING SCHEDULE¹

																Full tir Part tir
Y	ear:															
N°	Name of Staff	Staff input (in the form of a bar chart) ²										Total staff-month input				
N		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Home	Field ³	Total
reign	l															
1		[Home] [Field]		<u></u>												
2																
3																
n																
			Subtotal													
ocal																
l		[Home] [Field]														
2		[1 1010]														
1																
											Subto	tal				
											Total					

For Professional Staff the input should be indicated individually; for Support Staff it should be indicated by category (e.g.: draftsmen, clerical staff, etc.). 2 Months are counted from the start of the assignment. For each staff indicate separately staff input for home and fieldwork.

³ Fieldwork means work carried out at a place other than the Consultant's home office.

FORM TECH-8 WORK SCHEDULE

Year:

NTO	Activity ¹	Months ²											
N°		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1													
2													
3													
4													
5													
											_	_	
							_					_	
n													

- 1 Indicate all main activities of the assignment, including delivery of reports (e.g.: inception, interim, and final reports), and other benchmarks such as Client approvals. For phased assignments indicate activities, delivery of reports, and benchmarks separately for each phase.
- 2 Duration of activities shall be indicated in the form of a bar chart.

Section 4: Financial Proposal - Standard Forms

[Comments in brackets [] provide guidance to the shortlisted Consultants for the preparation of their Financial Proposals; they should not appear on the Financial Proposals to be submitted.]

Financial Proposal Standard Forms shall be used for the preparation of the Financial Proposal according to the instructions provided under para. 3.6 of Section 2. Such Forms are to be used whichever is the selection method indicated in para. 4 of the Letter of Invitation.

[The Appendix "Financial Negotiations - Breakdown of Remuneration Rates" is to be only used for financial negotiations when Quality-Based Selection, Selection Based on Qualifications, or Single-Source Selection method is adopted, according to the indications provided under para. 6.3 of Section 2.]

FIN-1 Financial Proposal Submission Form

FIN-2 Summary of Costs

FIN-3 Breakdown of Costs by Activity

FIN-4 Breakdown of Remuneration

FIN-5 Reimbursable expenses

Appendix: Financial Negotiations - Breakdown of Remuneration Rates

FORM FIN-1 FINANCIAL PROPOSAL SUBMISSION FORM

[Location,	Date]
------------	-------

[Location, Date]
To: [Name and address of Client]
Dear Sir,
We, the undersigned, offer to provide the consulting services for [Insert title of assignment] in accordance with your Request for Proposal dated [Insert Date] and our Technical Proposal. Our attached Financial Proposal is for the sum of [Insert amount(s) in words and figures ¹]. This amount is inclusive of the taxes.
Our Financial Proposal shall be binding upon us subject to the modifications resulting from Contract negotiations, up to expiration of the validity period of the Proposal, i.e. before the date indicated in Paragraph Reference 1.12 of the Data Sheet.
No commissions or gratuities have been or are to be paid by us to agents relating to his Proposal and Contract execution.
We understand you are not bound to accept any Proposal you receive.
We remain,
Yours sincerely,
Authorized Signature [In full and initials]:
Name and Title of Signatory:
Name of Firm:
Address:

FORM FIN-2 SUMMARY OF COSTS

	Costs
Item	Pak Rupees
Total Costs of Financial Proposal ²	

Indicate the total costs, net of local taxes, to be paid by the Client in local currency. Such total costs must coincide with the sum of the relevant Subtotals indicated in all Forms FIN-3 provided with the Proposal.

FORM FIN-3 BREAKDOWN OF COSTS BY ACTIVITY¹

Group of Activities (Phase): ²	Description: ³					
	Costs					
Cost component	Pak Rupees					
Remuneration ⁵						
Reimbursable Expenses ⁵						
Subtotals						

- Form FIN-3 shall be filled at least for the whole assignment. In case some of the activities require different modes of billing and payment (e.g.: the assignment is phased, and each phase has a different payment schedule), the Consultant shall fill a separate Form FIN-3 for each group of activities. The sum of the relevant Subtotals of all Forms FIN-3 provided must coincide with the Total Costs of Financial Proposal indicated in Form FIN-2.
- 2 Names of activities (phase) should be the same as, or correspond to the ones indicated in the second column of Form TECH-8.
- 3 Short description of the activities whose cost breakdown is provided in this Form.
- 4 Indicate between brackets the name of the local currency.
- 5 Remuneration and Reimbursable Expenses must respectively coincide with relevant Total Costs indicated in Forms FIN-4, and FIN-5.

FORM FIN-4 BREAKDOWN OF REMUNERATION¹

Name ²	Position ³	Staff-month Rate ⁴
Local Staff		
		[Home] [Field]
		[Field]
Foreign Staff		
		[Home]
		[Field]

- 1 Form FIN-4 shall be filled in for the same Professional and Support Staff listed in Form TECH-7.
- 2 Professional Staff should be indicated individually; Support Staff should be indicated per category (e.g.: draftsmen, clerical staff).
- 3 Positions of the Professional Staff shall coincide with the ones indicated in Form TECH-5.
- 4 Indicate separately staff-month rate and currency for home and field work

FORM FIN-5 BREAKDOWN OF REIMBURSABLE EXPENSES

N°	Description ¹	Unit	Unit Cost ²
	Per diem allowances	Day	
	International flights ³	Trip	
	Miscellaneous travel expenses	Trip	
	Communication costs between [Insert place] and [Insert place]		
	Drafting, reproduction of reports		
	Equipment, instruments, materials, supplies, etc.		
	Shipment of personal effects	Trip	
	Use of computers, software		
	Laboratory tests.		
	Sub agreements		
	Local transportation costs		
	Office rent, clerical assistance		
	Training of the Client's personnel ⁴		

- 1 Delete items that are not applicable or add other items according to Paragraph Reference 3.6 of the Data Sheet.
- 2 Indicate unit cost and currency.
- 3 Indicate route of each flight, and if the trip is one- or two-ways.
- 4 Only if the training is a major component of the assignment, defined as such in the TOR.

Sample Form

Consulting Firm: Assignment:	Date:
Consultant's Representations Rega	rding Costs and Charges
We hereby confirm that:	
(a) the basic salaries indicated in the attached table and reflect the current salaries of the staff members li within the normal annual salary increase policy as ap	sted which have not been raised other than
(b) attached are true copies of the latest salary slip	os of the staff members listed;
(c) the away from headquarters allowances indic have agreed to pay for this assignment to the staff mer	
(d) the factors listed in the attached table for soc firm's average cost experiences for the latest three y statements; and	
(e) said factors for overhead and social charges do of profit-sharing.	o not include any bonuses or other means
[Name of Consulting Firm]	
Signature of Authorized Representative	Date
Name:	

Consultant's Representations Regarding Costs and Charges

(Expressed in [insert name of currency])

Perso	onnel	1	2	3	4	5	6	7	8
Name	Position	Basic Salary per Working Month/Day/Year	Social 1 Charges	Overhead ¹	Subtotal	Fee ²	Away from Headquarters Allowance	Proposed Fixed Rate per Working Month/Day/Hour	Proposed Fixed Rate per Working Month/Day/Hour
Home	Office								
Fi	eld								

- Expressed as percentage of 1
 Expressed as percentage of 4

SECTION 5: TERMS OF REFERENCE

Project: Consultancy Services for Shifting of F&V Market, Badami Bagh /

Establishment of Composite Fruit and Vegetable / Grain Market, Lahore.

Employer: Agriculture Department (E&M), Government of the Punjab.

Location: Lakhodir / Handoo Village, Lahore.

TERMS OF REFERENCE (TORs) FOR PROJECT IMPLEMENTATION SUPPORT AND SUPERVISION CONSULTANT

CONSULTANT'S SCOPE OF WORK AND RESPONSIBILITIES

1. <u>BACKGROUND</u>

Being agro-based economy, Agricultural sector contributes 21% to GDP and almost 36% to Foreign Exchange earnings of the country that's why 70% labour force is engaged in agro-based activities. Fruit, Vegetable & Grain Markets are places which serve as media not only to cater to the respective needs of producers and consumers but also form business hubs where transactions of million of rupees take place on daily basis.

The Fruit & Vegetable Market, Badami Bagh was established in 1969 when population of Lahore was only three million. The existing market is spread over an area of 214 Kanal with following features:-

i)	Area under Plots	70 K 11 M
ii)	Area under Roads	98 K 6 M
iii)	Area under covered auction Plate Forms	28 K 8 M
iv)	Area under Offices / Parking	15 K 9 M
v)	Area under Mosque	1 K 8 M
∨i)	No. of Cold Storage	9 Nos.

As reflected from the above-mentioned data, the Market was originally established to serve limited population. Presently, it has lost its efficacy vis-à-vis catering to the current demand of the city owing to rapid population growth and large scale urbanization. The volume of business activities carried out by a large number of existing buyers & sellers, has not only put pressure over inadequate infrastructure like drainage, water supply, sewerage etc. but it has also led to frequent traffic Jams / Blocked thereby making life of a common person as well as trader community miserable. Traffic jams for hours in the area results into wastage of resource in form of extra fuel consumption and wastage of time.

Owing to the above-mentioned problems, overall management of the market becomes difficult. Furthermore, hygienic issues and environmental hazards caused by improper disposal of waste have compelled the Government to shift the Market in the suburb on a land measuring 1098 K - 2 M at Lakhoder and Handoo Gujran village which has been identified to be acquired for the purpose. It has also been envisaged that other congestion points caused by commercial activities like Grain Market, Godowns, Cold Storages and Truck Adda be also shifted at the place mentioned above. For that purpose it has been felt that a model of Composite Market housing all above-stated entities be planned and established.

2. OBJECTIVES AND GOALS

- To provide sufficient space for increasing volume of Agriculture supplies through construction of covered auction platform to protect it from sun shine and rains.
- Better management of Market, Building and business control under one authority to control encroachments.
- To increase business activities for more and more participation of commission agents and farmers.
- To provide allied services like grading, packing, storage and processing facilities for introduction of standardization and value addition in Agriculture Marketing.
- To provide better community and social services like Mosque, Dispensary, Restaurant, Police Chowki etc.
- To provide ample space for parking and wide roads for smooth flow of traffic.
- Introduction of modern auction system to make it more transparent so that share of producer may increase in terms of consumer rupee.
- To provide better security facilities under rising threat of terrorism.
- Installation of weigh bridges to maintain accurate data of supplies and source and to collect market fee.
- A separate wholesale market for Pharias for better control of prices and reduction of share of middle men.

3. CONSULTANCY SERVICES:

- (1) Feasibility Study
- (2) Conceptual Designing and Master Planning
- (3) Preparation of PC-I, Detailed Design, Tender Documents and Contractors Prequalification.

4. ROLE AND RESPONSIBILITIES OF CONSULTANT FIRM IN EACH PHASES ARE GIVEN BELOW:

I. CONCEPTUAL DESIGN AND MASTER PLANNING

a. Survey and Investigation

Under this item of work, the Consultant will be required to carry out the following through recognized experts/professionals

(i) Demarcation

Demarcation of the identified site and a general survey of the immediate surroundings will be done.

(ii) Documentation / Mapping of existing Facilities

The consultant will carry out a detailed survey of the site. In order to establish a baseline, the consultant will properly document / map the existing facilities and, wherever required, supplement his work with pictures / videos. Cross-reference of documentation / mapping with pictures / videos will be properly made. The consultant will use digital camera, digital video and other modern media to carry out this part of assignment. The consultant shall also provide satellite imagery duly marked with boundary lines and existing and proposed features.

(iii) Reconnaissance Survey

The Consultant will carry out reconnaissance survey of the identified land parcel so as to collect all relevant data for use in the Planning and Design of proposed works including, soil data, geo-technical data, meteorological data, hydrological data, etc. for incorporation into the matter plan.

b. Concept Development and Master Planning

The Consultants will carry out the concept development and prepare the Master Plan of the world-class Composite Market. Master Plan should cover at least the following features:

- i) Review / discussion of the best models of Composite Markets functioning in developed and developing countries.
- ii) Finalize the preliminary conceptual design and master plan incorporating the Client's suggestions and comments.
- iii) Gathering inputs from visitors, local community, thinking people, civil society and media for analyses.
- iv) Identification of basic and specific international standards for Composite Market.
- V) Land use policy and guidelines
- vi) Infrastructure polices and guidelines.
- vii) Transport policy and guidelines covering inside and outside transport.
- viii) Prepare animated computer model of the Market / 3-D visual and its facilities.

c. Feasibility Study

The Consultants will be required to prepare feasibility report of an international standard with the following parameters:-

- i) Examine the feasibility / viability of Composite Market in terms of economic, financial, and technical aspects.
- ii) Suggest the best possible model / option for operating the Market.
- iii) Proposed development options and prepare initial timelines and cost estimates for the proposed project.
- iv) Prepare detailed cash flow statement spreading over the project implementation period of the facility indicating cash and other related requirements at different stages of the project execution.
- v) Carry out financial and economic analyses of the project for the design life keeping in view the anticipated revenues, financial costs, economic inputs and economic costs.
- vi) Outline financial guideline to assist the Government for marketing the project.
- vii) Assisting the Government in preparation and approval of the PC-I.

d. DETAILED DESIGN & PROCUREMENT

I. Preliminary Design & Tender Documentation

Under this item of work, the consultant will be required to perform the following functions:

- i) Prepare preliminary design and tender drawings for:
 - a. Landscape and Architectural works
 - b. Boundary Wall
 - c. Main Entrance
 - d. Weigh Bridges
 - e. Roads
 - f. Parking Bays
 - g. Auction Yards
 - h. Covered Platforms

- i. Standard Shop
- i. Offices
- k. Water Supply Arrangements and Distribution Systems
- 1. Sewerage Disposal and Treatment
- m. Drainage Disposal
- n. Garbage Disposal System
- o. External Electrification and Lighting Plan
- p. External development / ancillary works
- q. Back-up Power arrangements
- r. Any other works which may deemed necessary for this project.
- ii) Prepare detailed Cost Estimates / PC-I duly supported with rate analysis for each item of work.
- iii) Divide the project into different 'work packages' keeping in view the departments / executing agencies and the nature of work involved e.g. building, road, water supply / sewerage, horticulture, etc.
- iv) Prepare tender documents for the different work packages / components:
 - i. Conditions of Contract
 - a) General Conditions of Contract
 - b) Conditions of Particular Application and Specifications
 - c) Special Provision
 - ii. Drawings
 - iii. B.O.Q.
 - iv. Technical Specifications

II. Tender Invitation & Award of Contract

Under this item of work, the Consultant will be required to perform the following functions:

- a. In case the executing agency wants to run prequalification process, the consultant will assist the client in pre-qualification of suitable firms including preparation of Pre-qualification (PQ) Criteria and PQ Documents. Else the tender documents will be issued to the contractors / suppliers enlisted will relevant departments / agencies.
- b. Assist and advise the client in bid evaluation and prepare recommendations for award of Contract to the bidder most advantageous to the Client.
- c. Give advice on the use of quality products of various manufacturers / suppliers.

III. Detailed Design & Construction Drawings

Under this item of work, the Consultant will be required to prepare and submit detailed design and construction drawings required for the execution / construction of the project of international specifications / standard. Such construction drawings/documents may inter alia comprise of:

- a. Detailed landscape design and drawings
- b. Detailed architectural design and drawings
- c. Detailed structural design and drawing
- d. Detailed water-supply, sewerage and drainage design and drawings
- e. Detailed design and drawings for internal and external lighting system including back-up power system
- f. Detailed design and drawing for telecommunication network / infrastructure works
- g. Detailed design and drawings for interior design works
- h. Detailed design and drawings for firefighting system
- i. Detailed design and drawings for public address system

- j. Detailed design and drawings for external development works such as parking areas, access roads and walkways, etc.
- k. Design and details (specifications) of any specialized equipments and any other works which may be deemed required for the establishment of Composite Market.
- 1. Prepare any further designs and drawings as may be necessary for execution of works on the Site.

5. SCHEDULE OF SERVICES

The time schedule for Consultancy services and relevant remuneration will be as under:-

Sr. #	Consultancy Phase	Delivery Time
1	Feasibility Study and Conceptual	Two Week
	Designing.	
2	Master Planning	Two weeks after approval of Feasibility Report by
		Secretary Agriculture
3	Preparation of PC-I, Detailed	Four weeks after the approval of conceptual design
	Design, Tender Documents and	and Master Plan by Secretary Agriculture
	Contractors Prequalification	

6. REPORTING REQUIREMENT

The consultant will prepare and submit to Engineer Incharge, copies of the following reports:

a) Fortnightly Progress Reports

The consultant will no later than 10th of each month, prepare a detailed progress report summarizing the work completed in the preceding month, resources deployed with a comparison viz-a-viz initial baseline construction schedule, cash flow forecast for the next month, status of IPCs paid / pending for payment besides highlighting problems encountered in the execution of work with recommendations to resolve these issues (*Deliverable 6 copies with soft copy*).

b) Technical Laboratory Reports

The consultant shall produce necessary technical reports / papers dealing with the problem encountered during the administration of the contract agreement (*Deliverables Tech. Report 6 copies, Lab Report 01 copy*).

c) Final Completion Report

The consultant will prepare a comprehensive final report for the contract of substantial completion. This report shall summarize the method of construction, location, detail of work carried out, construction supervision performed by and maintenance regime of the project. The report shall contain:

- (i) As-built drawings. The drawings shall be prepared by the contractor and approved by the consultant.
- (ii) Project quantities, folders alongwith soft copy.
- (iii) Comparison of initial and final BOQs.
- (iv) Deduction sheet, if any, base on handing over report.
- (v) List of punch list items to be rectified during the defect liability period (*Deliverables 8 copies*).

7. THE CONSULTANT IS ALLOWED TO:

- (i) Make changes in the technical design only with written consent of the designer and the client.
- (ii) He shall do correspondence with contractor only through Engineer Incharge.
- (iii) Certify executed works meeting specified requirements for payment.

8. BREACH OF OBLIGATIONS

If during the course or upon review / inspection undertaken by the Employer's Engineer or otherwise, it transpires that either of the parties is in breach / default of its obligations under the agreement, the consultant shall, under intimation to the other party, require the defaulting party to remedy such breach / default within such time and in such manner as the Engineer Consultant may deem fit and in each the same shall be recorded.

9. <u>COMPLETION OF PROJECT</u>

- (i) The consultant would certify that the project has been completed in accordance with the approved design and specifications and would issue a certificate to this effect.
- (ii) He would certify that the quantities as per detailed estimates have been executed at site and should certify that nothing extra has been paid top the contractor (Beyond the provision of the agreement).

10. <u>TIME DURATION OF THE PROJECT</u>

The time duration of the project is about 2 months for Feasibility, Master Plan and Design.

IMPLEMENTATION ARRANGEMENTS

- 3.1 The Consultant shall work closely with the Director (E&M), Agriculture Department to whom they will be reporting on a day to day basis. The Consultants will establish their offices in the field at suitable locations.
- 3.2 Director (E&M), Agriculture Department will be representative of the Client who will also resolve various administrative issues relating to consultants arising during the course of assignment. The Consultants' Team Leader will be the principal contact and will be readily available during project implementation.
- 3.3 The Consultants shall be responsible for all aspects of performance of services as set forth in the preceding sections of these TORs. All records and sites will be made available to the Consultants to enable them to perform their functions.
- 3.4 Selection Procedure and Form of Contract: The selection of consultant will largely depend on their technical expertise and experience in providing consultancy services under similar projects. The Consultant Selection Committee (CSC) would recruit the consultants on Least Cost Method (LCM) as per PPRA rules 2014 and form of contract will be Time Based Contract.
- 3.5 Duration of the Assignment: The estimated duration of the consultancy services is 8 Weeks.
- 3.6 Reporting: The Consultants will prepare the following reports in English and provide copies as per sub-para 3.6.1 regarding deliverables and schedule along with respective soft copy:

An inception report

Monthly progress reports

A mid-term report on the format acceptable to the

Client Quality Assurance Plan - (QA/QC Manual)

Revised Planning Commission Proforma-I (PC-I)

Completion Report

Training Manuals and Modules

Any special reports as may be necessary from time to time for specific item / issue within the scope of the assignment.

3.6.1 Deliverables and Schedule: The schedule for various reports the consultants are likely to prepare is given below. Additional, reports have to be prepared as needed. The Consultant will supply the deliverables as per schedule given below:-

Sr. No.	Document	Copies	Due
1	Draft Inception Report	5	03 days after the effectiveness of the
			Consulting Services Agreement
2	Final Inception Report	15	03 days after the issuance of
			comments by the Client on Draft
			Inception Report
3	Monthly Progress Report	10	10 th of the following month
4	Quarterly Progress Report (Physical	10	Every Monday of Week
	& Financial)		

Sr. No.	Document	Copies	Due
5	Revised Planning Commission Proforma-I (PC-I)	50	As and when required
6	Draft Assignment Completion Report	5	At completion of the proposed works
7	Final Assignment Completion Report	25	After 03 days of completion of works.
8	Planning Commission Proforma-IV (PC-IV)	50	At completion of project activities
9	Complete Inventory of Works/Activities Completed	10	At completion of the project
10	Training Reports	10	As and when required
11	Special Reports	10	As and when required

3.7 **Staffing Requirements:** It is recognized that local expertise in the field of integrated planning for establishment of Composite Market is lacking. The Consultants are, therefore, encouraged to include town planning and traffic engineering experts in their team to the extent possible. Furthermore, they are required to propose a staffing plan and skill mix to assist the Client to ensure that envisaged project objectives are achieved. The Consultants shall ensure deployment of qualified competent staff for the purpose. The team of experts required with their estimated input of man months is given below.

Sr. #	Description	No.	Man / Months
1.	Team Leader / Agricultural Marketing Expert	1	1
2.	Civil Engineer / Town Planner	1	2
3.	Architect	1	2
4.	Public Health Engineer	1	1
5.	Electrical Engineer	1	1
6.	Traffic Engineer	1	1/2
7.	Environment Assessment Expert	1	1/2
8.	Agriculture Economist / Economist	1	1
9.	Survey specialist	1.5	3
10.	Surveyors	4	8
11.	Word processor operator (WPO)	2	4
12.	AutoCAD Expert	2	4
13.	Office Boys	4	8
14.	Survey helpers	4	16
15.	Print / Reproduction / other		Lump Sump

3.8 Indicative Duties/Job Description of core team of experts for the project along with academic qualification and experience required for carrying out the assignment is given below;

Sr. #	Description	Proposed Qualification	Minimum requirement of Experience
1	Team Leader / Agricultural	MSc Agriculture Economics /	15 Years
1	Marketing Expert	Agriculture Marketing	13 10015
2	Civil Engineer / Town Planner	BSc Civil Engineer / Town Planning	10 Years
3	Architect	BSc Architect Engineering	10 Years
4	Public Health Engineer	BSc PH Engineering	10 Years
5	Electrical Engineer	BSc Electrical Engineer	10 Years
6	Traffic Engineer	BSc Traffic Engineer	10 Years
7	Environment / Social Assessment	MSc Environment	10 Years
_ ′	Expert	Social Sciences	10 Tears
8	Agriculture Economist	MSc Agriculture Economics	10 Years
9	Survey Specialist	Associate Engineer	15 Years
10	Quantity Surveyors / Estimators	Associate Engineer	10 Years
11	Surveyors	Associate Engineer	6 Years
12	Word Processor Operator (WPO)	ICS + Typing	5 Years
13	AutoCAD Expert	Diploma of AutoCAD	5 Years
14	Survey Helpers	F.A	-
15	Office Boy	Matric	-

a) TEAM LEADER/PROJECT MANAGER

Qualifications: The Team Leader / Agricultural Marketing Expert will possess a MSc Agriculture Economics / Agriculture Marketing with 15 years' experience. A minimum of 10 years of experience will be required in the management of similar consultancy services i.e. integrated Town Planning and Master Planning of Composite Market with demonstrated ability to work with government officials, and technical field staff. In addition, the TL would be required to have familiarity with the principles and practices agriculture marketing, knowledge of project management information systems besides having fluency in spoken and written English.

Responsibilities of the Team Leader will be, but not limited, to the followings.

- I. Report to the Client.
- II. Assume overall responsibility for management of the consultants.
- III. Work as the "the Engineer" to supervise Consultancy Project with the best professional and consulting standards to ensure that the scheme/work is completed satisfactorily.
- IV. Keep the Client informed of technical issues and progress of all the works both by direct contacts and through discussions or correspondence.
- V. Attend, at project level, all meetings as required and keep a record of all such meetings.
- VI. Assist the Client in any project issue, which the employer may require.
- VII. Ensure preparation of a project completion report (PCR).
- VIII. Assist the Client in preparing the response to Audit Objections, if required.
 - IX. Assist the Client in preparing response to financiers or other authority's queries, observations, requirements etc.
 - X. Coordinate with all related Client's organizations for project issues.

b) CIVIL ENGINEER / TOWN PLANNER (DEPUTY TEAM LEADER)

Qualifications: The Civil Engineer / Town Planner will possess a BSc Civil Engineer / Town Planner with 10 years' experience in Town Planning Sector. A minimum of 10 years of experience will be required in the management of similar consultancy services i.e. Town Planning with demonstrated ability to work with government officials and technical field staff. In addition, the Deputy Team Leader would be required to have familiarity with the principles and practices of Agriculture Marketing and knowledge of project management information systems besides having fluency in spoken and written English.

Responsibilities of the Civil Engineer / Town Planner will be, but not limited to, the followings.

- I. Act as deputy to Team Leader and carries out the duties of TL except those of "the Engineer" in his/her absence.
- II. Assist the TL in coordination issues.
- III. Represent the TL in all meetings in his/her absence, if requested.
- IV. Assist the TL in keeping the Client informed of technical issues both by direct contacts and through discussions or correspondence.
- V. Facilitate the TL in preparation of monthly, quarterly and mid-term reports.
- VI. Provide assistance to the TL in any project issue, which the TL/Project Manager may require.
- VII. Support the TL in preparation of the project completion report (PCR) and any other duty/assignment the TL may entrust.
- VIII. Compile, analyze, and process the reports received from subordinate offices.
- IX. Carry out field visits to provide necessary input to management about project implementation.
- X. Supervise checking/verifications, designs, and other field activities to be performed by the Consultants.
- XI. Arrange verification of physical works and make recommendations for improvements in management modalities for smooth execution of filed activities, where required.

c) ARCHITECT

The Architect should be a graduate in Architectural Engineering with at least 10 years' experience in the field of planning, designing and overseeing the construction of buildings or complexes, and also required to be expert in redesigning the existing structures

Responsibilities of an architect, will be, but not limited to, the followings:

- I. Selecting the best materials and processes for the project, focusing on the functionality of the building.
- II. Surveying sites, identifying location benefits and environmental impacts.
- III. Analyzing architectural plans and drawings, highlighting any possible risks or problems and making amendments using computer-aided design.
- IV. Specifying the appropriate technology and tools to be used in the project and advising where this requires deviation from the initial design plans.
- V. May be involved in post-construction appraisal stages; handing the project over to the client or making sure the building is appropriately furnished and prepared to client specification.
- VI. Architectural technologists can face all sorts of weather conditions as well as the safety hazards associated with construction sites.

d) PUBLIC HEALTH ENGINEER

Public Health Engineer should be a graduate in Public Health Engineering with at least 10 years' experience in the relevant field of assessment, monitoring and promotion of the health of the population. It deals not only with the prevention of health-related conditions, such as infectious diseases, but with ways to reduce the effects of existing problems, such as substance abuse.

Responsibilities of PH Engineer, will be, but not limited to, the followings:

- I. Conducting assessments
- II. Analyzing data
- III. Generating ideas and solutions
- IV. Implementing strategies
- V. Regulating and managing agencies
- VI. Dealing with medical professionals

e) **ELECTRICAL ENGINEER**

Electrical Engineer should be a graduate in Electrical Engineering with at least 10 years' experience in the relevant field of evaluation of electrical systems, products, components, and applications by designing and conducting research programs; applying knowledge of electricity and materials

Responsibilities of Electrical Engineer, will be, but not limited to, the followings:

- I. Confirms system's and components' capabilities by designing testing methods; testing properties.
- II. Develops electrical products by studying customer requirements; researching and testing manufacturing and assembly methods and materials.
- III. Develops manufacturing processes by designing and modifying equipment for building and assembling electrical components; soliciting observations from operators.
- IV. Assures product quality by designing electrical testing methods; testing finished products and system capabilities.
- V. Prepares product reports by collecting, analyzing, and summarizing information and trends.
- VI. Maintains product and company reputation by complying with federal and state regulations.
- VII. Keeps equipment operational by following manufacturer's instructions and established procedures; requesting repair service.
- VIII. Maintains product data base by writing computer programs; entering data.
- IX. Completes projects by training and guiding technicians.
- X. Maintains professional and technical knowledge by attending educational workshops; reviewing professional publications; establishing personal networks; participating in professional societies.
- XI. Contributes to team effort by accomplishing related results as needed.

f) TRAFFIC ENGINEER

Traffic Engineer should be a graduate in Traffic Engineering with at least 10 years' experience in the relevant field of preparing traffic impact studies including modeling & simulations, Maintenance of Traffic plans, and traffic signal design including signing & marking

Responsibilities of Traffic Engineer, will be, but not limited to, the followings:

- I. Ability to provide expert testimony and representation at public hearings and meetings.
- II. Ability to market Traffic Analysis and Engineering services and assist in preparation of proposals for public and private sector Clients.
- III. Experience using AutoCAD, Microstation, HCS, and Synchro and other Traffic Engineering softwares.
- IV. Ability to handle multiple project commitments.
- V. Proven ability to support internal teams and serve outside clients directly.
- VI. Willing to work as a team and have strong report writing and communication skills.
- VII. Balancing the social, economic and environmental needs of the whole community. You'll also try to influence attitudes towards alternative methods of transport, for example by encouraging people to move away from using private cars.

g) <u>ENVIRONMENTAL / SOCIAL ASSESSMENT EXPERT</u>

Environmental / Social Assessment Expert should have Master's degree in Environment Social Sciences with at least 10 years' experience in the relevant field of overseeing the environmental performance of private, public and voluntary sector organizations.

Responsibilities of Environmental / Social Assessment Expert, will be, but not limited to, the followings:

- I. Implement and monitor environmental strategies, policies and programs that promote sustainable development.
- II. Examine corporate activities to establish where improvements can be made and ensure compliance with environmental legislation across the organization.
- III. developing and implementing environmental strategies and action plans that ensure corporate sustainable development;
- IV. taking the lead on sustainable procurement for all goods and services;
- V. coordinating all aspects of pollution control, waste management, recycling, environmental health, conservation and renewable energy;
- VI. leading the implementation of environmental policies and practices;
- VII. ensuring compliance with environmental legislation;
- VIII. auditing, analyzing and reporting environmental performance to internal and external clients and regulatory bodies;
- IX. carrying out impact assessments to identify, assess and reduce an organization's environmental risks and financial costs;
- X. promoting and raising awareness, at all levels of an organization, of the impact of emerging environmental issues, whether legislative or best practice, on corporate, ethical and social responsibility;
- XI. managing the development and implementation of an environmental management system;
- XII. coordinating public hearings and consultations on environmental matters;
- XIII. managing relations with the board of directors, senior management and internal staff;
- XIV. training staff at all levels in environmental issues and responsibilities;
- XV. participating in environmental education and research;

- XVI. negotiating environmental service agreements and managing associated costs and revenues;
- XVII. writing environmental reports, assuming the lead responsibility with the company;
- XVIII. Leading on corporate social responsibility issues and action.

h) AGRICULTURAL ECONOMIST

Agricultural Economics is a specialization within the discipline of agricultural sciences, which studies the area of economics of agricultural production, industry of agricultural inputs and food industry, services in rural areas and agricultural and rural policy. An Agricultural Economist should have Master's degree in Agricultural Economics with at least 10 years' experience in the relevant field in analyzing economic and social phenomena in the world and its impact on agriculture. He should also have mathematical skills, be intuitive and have excellent communication skills.

Responsibilities of Agricultural Economist, will be, but not limited to, the followings:

- I. monitoring economic changes in agriculture
- II. devising methods and procedures for obtaining required data
- III. understanding various sampling techniques that may be used to conduct different types of surveys
- IV. creating, as well as using, various mathematical modeling techniques to develop forecasts
- V. applying models of economic behavior to agricultural changes and developments
- VI. advising agricultural organizations on costs and benefits of options
- VII. advising government, employers or trade unions on the economic implications of agricultural policy options
- VIII. producing various numerical and non-numerical written reports
- IX. supplying information on agricultural market trends to the press

i) SURVEY SPECIALIST

A Survey Specialist is distinguished from Survey Party Chief by the latter's primary assignment to coordinate the activities of a field survey party. Survey Specialist and Survey Party Chief both possess general knowledge of land surveying principles and practices. However, Survey Specialist is expected to become proficient in interpreting and applying the Subdivision Map Act, while Survey Party Chief need only possess working knowledge of the Subdivision Map Act. A Survey Specialist should be an Associate Engineer with at least 10 years' experience in the relevant field in using computer and calculator programs and mapping software, performs boundary analysis, research, and mathematical checking of parcel maps, records of survey, tract maps, and other maps and projects for technical correctness and compliance with applicable federal, state, and local laws, regulations, and guidelines and office policies and procedures

Responsibilities of Survey Specialist, will be, but not limited to, the followings:

- I. Answers a variety of complex questions and provides information to private engineers, surveyors, developers, other County departments, and the general public regarding items such as map check outcomes; property ownership and boundaries; easement location; federal, state, and local surveying laws, rules, and regulations; and County ordinances, policies, and procedures.
- II. Researches existing recorded information, including record maps, plans, deeds, easements, and right-of-way documents; prepares legal descriptions, records of surveys, and corner records; and photocopies recorded maps and documents for customers using blueprint photocopier or other reproduction equipment.

- III. Constructs countywide Geographic Information Systems (GIS) base map by: coordinating the GIS activities of various County departments and divisions and community members, including local schools, vendors, and surveyors; organizing discussions and presentations of GIS hardware, software, and applications; automating related office functions; and assigning, prioritizing, reviewing, and evaluating the work of technicians and/or interns.
- IV. Reviews applications for certificates of compliance for sufficiency and completeness and survey content for validity and technical correctness; and prepares reports for technical concurrence by the County Surveyor and legal review by County Counsel.
- V. Files and indexes maps and record information using personal computers and database software; and supervises interns performing index-related data entry.
- VI. Provides Local Agency Formation Commission (LAFCO) with special maps, legal descriptions, and reports for properties to be annexed or detached from special districts or cities and ensures projects' compliance with applicable state and regulatory agencies and laws.
- VII. Writes technical manuals for use by department employees, land surveyors, and engineers to ensure compliance with applicable state laws, local ordinances, and office policies; prepares Board letters for approval of tracts, monument deposit amounts, and acceptance or rejection of easements; and writes and maintains database for monument identification.
- VIII. May perform the duties of Survey Party Chief or other related field duties as a temporary assignment in order to satisfy the training/experience requirement for the Professional Land Surveyor's License.