



**Standard Bidding Document for Plantation Activities under
Bhutan Board Products Limited (Forestry), Darla, Chukha
during the FY - 2025**

Name of Bidder:.....

Address:.....

Mobile No:.....

Period of sale : 01.01.2025 – 16.01.2025
Last date & time of submission : 16.01.2025, before 10:00 AM
Date & time of Bid Opening : 16.01.2025 at 10:30 AM
Venue of Bid Opening : Conference Hall, BBPL. Darla, Chukha

Open Tender Notice

Bhutan Board Products Limited (Forestry), Darla, Chukha, invites sealed bids from qualified Bhutanese bidders holding a valid contract license or demonstrating proven experience in executing plantation activities across various locations within Chukha Dzongkhag for the fiscal year 2025. The scope of work encompasses site preparation, planting, weeding, and fencing at designated plantation sites. Bidders must possess relevant expertise and the necessary resources to efficiently carry out the specified tasks.

1. Scope of Work

1.1 The description of work, tasks, responsibilities, obligations, specifications, and standards are detailed in Annexures I & II (Bill of Quantities). The specific conditions for this contract are outlined as follows:

1.2 Specific Terms and Conditions:

- a. During site preparation and weeding, the natural growth of desirable species must be retained. The number of seedlings to be planted and the need for fencing will be determined by respective site conditions and natural growth respectively.
- b. Seedlings must only be planted under the supervision of the designated site In-charge. Any losses or damages resulting from contractor negligence will be the contractor's responsibility, and the associated costs will be charged accordingly.
- c. Plantation activities are seasonal, and any delays will not be accepted. The contractor must strictly adhere to the schedule and timing specified by the company.
- d. The contractor is required to coordinate with forest personnel and obtain the necessary forest permits. The cost of royalties and permit cost will be reimbursed by the company.
- e. Any debris associated to activities such as plastic poly-pots must be cleaned and disposed as per the existing rules and regulations.
- f. The quantity for bill payment shall be calculated based on the items of work completed, with the rate specified in the Bill of Quantity (BoQ).
- g. Interested bidders must visit the site to assess ground conditions, consult with field staff about plantation locations, and familiarize themselves with the working conditions prior to submitting their bid documents.

BBPL (Forestry) – Standard Bidding Document

- h. The company will not be responsible for advance payments, public complaints, offenses, illegal activities, penalties, property damage, non-compliance with safety measures, or casualties resulting from the contractor's lapses.

2. Bidding Documents

2.1 The Bid Must Include the Following Documents:

- a. Bid Security
- b. Bill of Quantities (BoQ)
- c. Signed Bidding Documents
- d. Copy of valid Contract License or Copy Legitimate Experience
- e. Tax Clearance Certificate
- f. Any Other Relevant Documents

3. Clarification of the Bidding Documents

- 3.1 The Employer will not provide in-person clarifications on the bidding document. Prospective Bidders requiring clarification or additional information must submit their requests in writing at least seven (7) days before the last date of bid submission.

4. Bid Price

- 4.1 All prices for this contract must be quoted in Ngultrum (Nu.), and should include all applicable taxes, duties, and any other levies.

5. Bid Validity

- 5.1 The bid must remain valid for sixty (60) days from the last date of submission. The Employer may request an extension of the bid validity in exceptional cases beyond its control. Bidders who refuse to extend the bid validity will be disqualified, though their bid security will not be forfeited.

6. Bid Security

- 6.1 The bid must be accompanied by a bid security of Ngultrum thirty thousand (Nu. 30,000.00). This security should be in the form of a Cash Warrant or unconditional Bank Guarantee, or Demand Draft issued by a reputable financial institution in Bhutan, payable to the Manager (Forestry), Darla, Chukha. The bid security must be remained valid for sixty (60) days from the last date of bid submission.
- 6.2 The bid security will be forfeited under the following conditions:

BBPL (Forestry) – Standard Bidding Document

- a. If the Bidder withdraws their bid after submission and before opening of bid during the bid validity period.
- b. If the Bidder withdraws their bid after bid opening within the bid validity period,
- c. If the Bidder does not accept the arithmetical correction to the bid price,
- d. If the successful Bidder fails to sign the contract or provide the performance security within the specified time.

7. Submission Deadline

- 7.1 Bidders must submit all required documents by January 16th, 2025, before 10:00 A.M. to the Manager (Forestry). Electronic submissions will not be accepted.

8. Submission of Bids

- 8.1 Bidders must inspect and evaluate the entire work site before submitting their bid. This includes understanding working conditions, assessing site situations, considering climatic and weather factors, evaluating road access, reviewing machinery and equipment, and verifying quality of work, and any relevant factors.
- 8.2 The completed and signed bidding document must be submitted in a single sealed envelope to the Manager, BBPL (Forestry), Darla.

9. Bid Opening

- 9.1 Bids will be opened in the presence of all Bidders or their authorized representatives by the Tender Committee at the Conference Hall, BBPL Darla, thirty (30) minutes after the last date of submission.
- 9.2 If the bid opening day falls on a holiday or non-working day, bids will be opened on the next working day at the same time.
- 9.3 The Employer reserves the right to reject or accept any bid if the Bidder or their authorized representative is not present at the time of bid opening.
- 9.4 After the bid opening, all information related to the examination, clarification, evaluation of bids, and award recommendations shall remain confidential by Tender Committee until the process is finalized and the notification of the award is issued.

10. Bid Evaluation

- 10.1 Bid evaluation will consider several factors, including quoted pricing, the Bidder's expertise and resources, technical requirements, commercial conditions, and any arithmetic errors:

BBPL (Forestry) – Standard Bidding Document

- a. In case of a discrepancy between figures and words, the amount written in words will prevail.
 - b. In case of a discrepancy between the total figure and individual rates, the specific rate will take precedence.
 - c. If any quoted rate or amount is unclear, the Tender Committee reserves the right to correct it.
- 10.2 The Employer may request clarifications on specific aspects of the bid during the evaluation process. However, any additional information or clarification provided by the Bidder without a specific request will not be considered.
- 11. Employer's Right and Rejections**
- 11.1 The Employer reserves the right to accept or reject any bid. There is no obligation to select the lowest bid, and the Employer may reject all bids if deemed necessary, without providing reasons for the decision.
- 12. Award of Contract**
- 12.1 The contract will be awarded to the Bidder with the lowest evaluated bid, provided they possess the required expertise and resources. The Employer will issue a notification of award to the successful Bidder, which will serve as a binding agreement between the Employer and the Bidder until a formal contract is finalized and signed.
- 12.2 Upon receiving the notification of award, the successful Bidder shall have a period of seven (7) days to submit a letter of acceptance. Written letter from the successful Bidder confirms his/her acceptance of the terms and conditions outlined in the bid document, and readiness to proceed further.
- 12.3 The successful Bidder is required to submit a performance security within fifteen (15) days after the notification of award is issued. Once the successful Bidder has submitted, the Employer shall without delay notify each of the unsuccessful Bidders along with their bid security. The execution of work shall commence within fifteen (15) days after the date of the written Work Order for the contract execution.
- 13. Performance Security**
- 13.1 The successful Bidder must provide a performance security amounting to 10% of the contract amount. This security must be in the form of a Cash Warrant, Demand Draft, or an unconditional Bank Guarantee from a reputable financial institution in Bhutan, and should be submitted to the Manager (Forestry), Darla.
- 13.2 The performance security shall remain valid until the contract is completed and may be extended as necessary. It guarantees the Contractor's fulfillment of all contractual obligations. The

performance security will be returned to the Contractor within fourteen (14) days after the full completion of all contractual duties.

14. Introducing Changes and Variation

14.1 The Employer reserves the right to propose modifications, deletion or additions in line with the scope of work outlined in the contract, provided these changes are made within the contractual period. Such changes may be necessary due to factors including, but not limited to, the nature of the work, ground realities, climate and weather conditions, or technical practicality. These modifications aim to better align the contract with the contract requirements and evolving conditions. Possible changes include, but are not limited to:

- a. Increase or decrease in the quantity of work,
- b. Omission or substitution of any work,
- c. Alterations to ranges, specifications, levels, lines, units, maps, design, and dimensions,
- d. Changes in sequences, methods, or timing,
- e. Other relevant adjustments.

14.2 The Contractor may propose performance enhancements or suggest changes through the Site In-charge for further approval, if such changes are necessary or desirable for improving the quality, efficiency, or safety of the work. The Employer has the discretion to approve or reject these proposals. Any changes made are not attributable to Contractor default.

14.3 The Contractor must accept any changes required during the execution, as directed by the Employer, at the rates specified in the original contract, within a limit of plus or minus twenty percent (+-20%) of the contract amount.

14.4 For changes exceeding twenty percent (20%) of the contract amount, adjustments to the rates of Bill of Quantities (BoQ) items shall be made according to the variation slabs specified in Table I below:

Table - I: Variation in value of work

Variation in value of work	Increase in payment for minus variation	Decrease in payment for plus variation
Up to 20%	Nil	Nil
21% and up to 35%	6%	3%
36% and up to 60%	8%	4%
61% and up to 100%	10%	5%
Above 100%	-	5%

BBPL (Forestry) – Standard Bidding Document

14.5 New rates for decreased payments due to plus variations will apply to additional work beyond a 20% variation. For increased payments resulting from minus variations, adjustments will be calculated and applied to the payments according to the specified slabs for any deletions or modifications made to the contract within the contractual period.

14.6 Adjustments related to statutory variations shall not be included in the calculation of these variations.

14.7 Any changes made to the contract within contractual period shall not nullify or invalidate the original agreement.

15. Extension of Completion Time

15.1 Any extension of time granted to the Contractor shall be fair and reasonable, considering the circumstances that the Contractor can reasonably sustain. The extension applies when delays or impediments to the Contractor's obligations are not attributable to the Contractor.

16. Force Majeure

16.1 "Force Majeure" refers to any unavoidable event beyond the reasonable control of either the Employer or the Contractor that unreasonably impedes the progress of work. Such events would be defined as necessary by the Employer when it occurs.

16.2 If the Contractor is delayed in fulfilling any obligations under the contract due to Force Majeure, the delay period may be added to the contract time, and reasonable considerations will be granted for circumstances beyond the Contractor's control.

17. Liquidated Damage

17.1 The Employer reserves the right to impose liquidated damages if the Contractor fails to meet the agreed-upon deadline. For each day beyond the mutually agreed deadline, the Contractor shall be liable to pay 0.3% of the contract amount as compensation for the delay. However, the total liquidated damages shall not exceed 10% of the contract amount.

18. Terms of Payment

18.1 Payment will be made after deducting tax at source (TDS) from the gross amount in accordance with existing rules and regulations. The Employer will provide the necessary TDS certificate issued by the Department of Revenue and Customs, Royal Government of Bhutan.

18.2 The Contractor must submit a bill to the Manager (Forestry) at the end of each month upon completing the specific tasks or obligations outlined in the contract. This bill will serve as a formal request for payment for the work completed during the period. Payments will be processed within thirty (30) days of bill submission.

18.3 The Employer is responsible for ensuring that the Contractor receives timely payment for completed tasks to maintain a positive relationship and safeguard the progress.

19. Defect Liability

19.1 The defect liability period extends for six (6) months from the date of completion. During this period, the Contractor is responsible for rectifying any defects arising from their faults at their own expense, either with company equipment or damages caused to public property during the contractual period.

19.2 If the Contractor fails to address any reported defects within the defect liability period, the Employer has the right to remedy the defects at the Contractor's expense, using the retention money.

20. Retention Money

20.1 The Employer shall withhold not exceeding 10% of the contract amount from the bills submitted in the final three months of contract period as retention money. This retention will be released within fourteen (14) days following the issuance of the No Defects Liability Certificate by the Site In-charge.

21. Termination

21.1 The Employer reserves the right to terminate the contract, in whole or in part, if the Contractor repeatedly violates contractual obligations. Termination will take effect fifteen (15) days after written notice is issued.

21.2 If termination results from the Contractor's default, the Contractor forfeits any claim to compensation or other benefits. Furthermore, the Contractor is not entitled to reimbursement for potential profit or advantages that could have been realized had the work been completed as originally planned.

21.3 The Employer retains the right to continue the work, whether before or after termination, or during any interim period. Due to the seasonal nature of the activities, delays or interruptions could significantly impact the entire function.

22. Suspension

22.1 The Employer shall issue written notice to the Contractor specifying which obligations are to be suspended, the effective date of the suspension with legitimate justification. Upon receipt of this notice, the Contractor must suspend the performance of the specified obligations. However, obligations related to the care and preservation of the works against deterioration, loss, or damage must still be performed.

BBPL (Forestry) – Standard Bidding Document

- 22.2 If the Contractor is unable to fulfill their obligations due to reasons attributable to the Employer—such as failure to provide site access, machine breakdowns, inability to obtain necessary clearance, lack of required materials, or delayed payments exceeding sixty (60) days from the date of bill submission—the Contractor may suspend or reduce progress. The Contractor must provide fifteen (15) days' written notice to the Employer before taking such action.
- 22.3 If the Employer fails to address the issues mentioned in clause 22.2 with due diligence, the Contractor may claim compensation for any losses incurred as a result of the suspension.
- 22.4 The Contractor must retain all equipment, materials, and personnel on-site unless written consent is obtained from the Site In-charge. This ensures that the site remains intact and the Contractor can quickly resume contractual obligations.

23. Governing Laws

- 23.1 Any legal disputes or issues arising from the contract shall be resolved within the legal system of Bhutan, in accordance with the Alternative Dispute Resolution Act, 2013. The interpretation of terms and conditions will be governed by the laws in force within the Kingdom of Bhutan.

24. Definition and Interpretations

24.1 Throughout the bidding document:

- a. Singular terms shall include the plural, and vice versa, as the context requires.
- b. The term 'written/writing' encompasses hand-written, type-written, printed, or electronically generated documents that result in a permanent record.
- c. The term 'day' refers to a calendar day.
- d. The term 'Employer' refers to Company / BBPL (Forestry).
- e. The term 'Site In-charge' refers to the official appointed by BBPL (Forestry) to oversee the obligations.
- f. The term 'parties' or 'party' refers to both the Employer and the Contractor.
- g. The term 'he/she' refers to Bidders or the Contractor.

18.3 The Employer is responsible for ensuring that the Contractor receives timely payment for completed tasks to maintain a positive relationship and safeguard the progress.

19. Defect Liability

19.1 The defect liability period extends for six (6) months from the date of completion. During this period, the Contractor is responsible for rectifying any defects arising from their faults at their own expense, either with company equipment or damages caused to public property during the contractual period.

19.2 If the Contractor fails to address any reported defects within the defect liability period, the Employer has the right to remedy the defects at the Contractor's expense, using the retention money.

20. Retention Money

20.1 The Employer shall withhold not exceeding 10% of the contract amount from the bills submitted in the final three months of contract period as retention money. This retention will be released within fourteen (14) days following the issuance of the No Defects Liability Certificate by the Site In-charge.

21. Termination

21.1 The Employer reserves the right to terminate the contract, in whole or in part, if the Contractor repeatedly violates contractual obligations. Termination will take effect fifteen (15) days after written notice is issued.

21.2 If termination results from the Contractor's default, the Contractor forfeits any claim to compensation or other benefits. Furthermore, the Contractor is not entitled to reimbursement for potential profit or advantages that could have been realized had the work been completed as originally planned.

21.3 The Employer retains the right to continue the work, whether before or after termination, or during any interim period. Due to the seasonal nature of the activities, delays or interruptions could significantly impact the entire function.

22. Suspension

22.1 The Employer shall issue written notice to the Contractor specifying which obligations are to be suspended, the effective date of the suspension with legitimate justification. Upon receipt of this notice, the Contractor must suspend the performance of the specified obligations. However, obligations related to the care and preservation of the works against deterioration, loss, or damage must still be performed.

BBPL (Forestry) – Standard Bidding Document

- 22.2 If the Contractor is unable to fulfill their obligations due to reasons attributable to the Employer—such as failure to provide site access, machine breakdowns, inability to obtain necessary clearance, lack of required materials, or delayed payments exceeding sixty (60) days from the date of bill submission—the Contractor may suspend or reduce progress. The Contractor must provide fifteen (15) days' written notice to the Employer before taking such action.
- 22.3 If the Employer fails to address the issues mentioned in clause 22.2 with due diligence, the Contractor may claim compensation for any losses incurred as a result of the suspension.
- 22.4 The Contractor must retain all equipment, materials, and personnel on-site unless written consent is obtained from the Site In-charge. This ensures that the site remains intact and the Contractor can quickly resume contractual obligations.

23. Governing Laws

- 23.1 Any legal disputes or issues arising from the contract shall be resolved within the legal system of Bhutan, in accordance with the Alternative Dispute Resolution Act, 2013. The interpretation of terms and conditions will be governed by the laws in force within the Kingdom of Bhutan.

24. Definition and Interpretations

- 24.1 Throughout the bidding document:

- a. Singular terms shall include the plural, and vice versa, as the context requires.
- b. The term 'written/writing' encompasses hand-written, type-written, printed, or electronically generated documents that result in a permanent record.
- c. The term 'day' refers to a calendar day.
- d. The term 'Employer' refers to Company / BBPL (Forestry).
- e. The term 'Site In-charge' refers to the official appointed by BBPL (Forestry) to oversee the obligations.
- f. The term 'parties' or 'party' refers to both the Employer and the Contractor.
- g. The term 'he/she' refers to Bidders or the Contractor.

(INTEGRITY PACT)

1. General

Whereas Mr. / Mrs / Miss Galey Daji, Gm (Forestry).....representing the **M/S Bhutan Board Products Limited (Forestry)**, hereinafter referred to as the **Employer** on the one part, Mr. / Mrs./Miss.....representing the M/S....., hereinafter referred to as the **Bidder** on the other part, hereby execute this agreement as follows.

This agreement should be a part of the tender document, which shall be signed and submitted along with the tender document. The head of the employing agency or his authorized representative should have the signing authority. The Bidder himself or his authorized representative must sign the Integrity Pact (PI). If the winning Bidder had not signed during the submission of the bid, the tender would be canceled.

2. Objectives

Therefore, the Employer and the Bidder agree to enter into this pre-contract agreement, hereinafter referred to as the Integrity Pact, to avoid all forms of corruption by following a system that is fair, transparent, and free from any influence or unprejudiced dealings prior to, during, and subsequent to the currency of the contract to be entered into, with a view to:

- 2.2 Enabling the Employer to obtain the desired contact at a reasonable and competitive price in conformity to the defined specification of the works, goods, and services, and
- 2.3 Enabling Bidders to abstain from bribing or any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also refrain from bribing and other corrupt practices, and the Employer will commit to preventing corruption in any form by their officials by following transparent procedures.

3. Commitments of the Employer (The employer commits itself to the following):

- 3.1 The Employer hereby undertakes that no official of the Employer, connected directly or indirectly with the contract, will demand, take a promise for, or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favor, material or immaterial benefit, or any other advantage from the Bidder either for themselves or for any person, organization, or third party related to the contact in exchange for an advantage in the bidding process, bid evaluation, contracting, or implementation process related to the evaluation, contracting, or implementation process related to the contract.
- 3.2 The Employer further confirms that its officials have not favored any prospective Bidder in any way that could afford an undue advantage to that bidder during the tendering stage and will further treat all bidders alike.

- 3.3 All the officials of the Employer shall report to the head of the employing agency or an appropriate government office any attempted or completed violation of clauses 3.1 and 3.2.
- 3.4 Following a report on violation clauses 3.1 and 3.2 by official(s), through any source, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings, be initiated by the Employer, and such a person shall be debarred from further dealings related to the contract process. In such a case, while an inquiry is being conducted by the Employer, the proceedings under the contract would be stalled.

4. Commitments of Bidders

The Bidder commits himself to taking all measures necessary to prevent corrupt practices, unfair means, and illegal activities during any stage of his bid or during any pre-contract or post-contract stage in order to secure the contract or in furtherance to secure it, and in particular commits himself to the following:

- 4.1 The Bidder will not offer, directly or through intermediaries, any bribe, gift, consideration reward favor, any material or immaterial benefit or other advantage, commission, fees, brokerage, or inducement to any of the Employers connected directly or indirectly with the bidding process, or to any person, organization, or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting, and implementation of the contract.
- 4.2 The Bidder further undertakes that he has not given, offered, or promised to give, directly or indirectly, any bribe, gift, consideration, reward, favor, any material or immaterial benefit or other advantage, commission, fees, brokerage, or inducement to any official of the employer or otherwise in procuring the contract or forbearing to do or having done any act in relation to the obtaining of the contract or any other contract with the government for showing or forbearing to show favor or disfavor to any person in relation to the contact or any other contact with the government.
- 4.3 The Bidder will not collude with other parties interested in the contract to preclude the competitive bid price and impair the transparency, fairness, and progress of the bidding process, bid evaluation, contracting, and implementation of the contract.
- 4.4 The Bidder, either while presenting the bid or during per-contact negotiations or before signing the contract, shall disclose any payments he has made, is committed to, or intends to make to officials of the Employer, their family members, agents, brokers, or any other intermediaries in connection with the contact and the details of services agreed upon for such payments.

5. Sanctions for Violations

The breach of any aforesaid provisions or providing false information by Employers, including manipulation of information by evaluators, shall face administrative charges and penal actions as per the existing relevant rules and laws.

The breach of the pact or providing false information by the Bidder, or any one employed by him, or acting on his behalf (whether with or without the knowledge of the Bidder), or the commission of any

offense by the Bidder, or any one employed by him, or acting on his behalf, shall be dealt with as per the provisions of the penal code of Bhutan, 2004, and the Anti-Corruption Act, 2006.

The Employer or relevant agency shall also take all or any one of the following actions, wherever required:

- 5.1 To immediately call off the per-contract negotiations without giving any compensation to the Bidder. However, the proceedings with the other Bidder(s) would continue.
- 5.2 To immediately cancel the contract, if already awarded or signed, without giving any compensation to the Bidder.
- 5.3 The earnest money or security deposit shall stand forfeited.
- 5.4 To cover all sums already paid by the Employer.
- 5.5 To encash the advance bank guarantee and performance bond/warranty bond, if furnished by the Bidder, in order to recover the payments already made by the employer, along with interest.
- 5.6 To cancel all or any other contacts with the Bidder.
- 5.7 To debar the Bidder from entering into any bid from the Government of Bhutan as per the existing rules.

6. Conflict of Interest

- 6.1 A conflict of interest involves a conflict between the public duty and private interests (for favor of vengeance) of a public official in which the public official has private interests, which could improperly influence the performance of their official duties and responsibilities. A conflict of interest would arise in a situation where any concerned members of both parties are related, either directly or indirectly, have any association, or have had any confrontation. Thus, the conflict of interest of any tender committee member must be declared in the prescribed form.
- 6.2 The Bidder shall not lend or borrow any money from or enter into any monetary dealing or transaction, directly or indirectly, with any committee member, and if he does so, the Employer shall be entitled forthwith to rescind the contract and all other contracts with the Bidder.

7. Examination of Books of Accounts.

- 7.1 In case of any allegation of violation of any provisions of this Integrity Pact or payments of commission, The Employer authorized persons or relevant agencies shall be entitled to examine the Books of Accounts of the Bidder and the Bidder shall provide necessary information of the relevant financial documents and shall extend all possible help for the purpose of such examination.

8. Monitoring and Arbitration

- 8.1 The respective procurement agency shall be responsible for monitoring and arbitration of IP as per the procurement rules.

BBPL (Forestry) – Standard Bidding Document

9. Legal Actions

9.1 The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

10. Validity

10.1 The validity of this Integrity Pact shall cover the tender process and extend until the completion of the contract to the satisfaction of both the Employer and the Bidder.

10.2 Should one or several provisions of this pact turn out to be invalid, the remainder of this pact remains valid. In this case, the parties will strive to come to an agreement on their intentions. We hereby declare that we have read and understood the clauses of this agreement and shall abide by them. Further, the information provided in this agreement is true and correct to the best of our knowledge and belief.

The parties agree to sign the Integrity Pact at.....On.....



[Handwritten signature]

Affix Legal
Stamp

EMPLOYER

Name: *Gayleg Dorji*
CID No: *10103001101*
Mobile No: *17160376*

BIDDER

Name:
CID No:
Mobile No:

[Handwritten signature]

(Witness Sign)

Name: *Hem Lal Rai*
CID No: *11301002554*
Mobile No: *17747339*

(Witness Sign)

Name:
CID No:
Mobile No:

Annexure – I: Bill of Quantities (BoQ) for Plantation Creation

a. Detail of Locations and Estimated Quantities

SL #	Location	Year of Plantation	Area (Ha)	Seedlings		Fencing (5 strands)			Weeding		Fencing Material (Esd. Qty)			Remarks
				%	Esd. Qty (No.)	%	Running Meter	Post (No)	%	Qty (Ha)	Barbed wires (kg)	U nail (kg)	Nail (kg)	
1	Chongaykha (P I)	2025	4.768	100	5297	100	4360.00	436.00	100	4.77	726.67	21.80	6.54	
2	Chongaykha (P II)	2025	4.768	100	5297	100	4360.00	436.00	100	4.77	726.67	21.80	6.54	
3	Chongaykha (P III)	2025	9.872	100	10968	100	6280.00	628.00	100	9.87	1046.67	31.40	9.42	
4	Chudapang	2025	5.000	100	5555	100	4472.00	447.20	100	5.00	745.33	22.36	6.71	
			24.41		27,117.29		19,472.00	1,947.20		24.41	3,245.33	97.36	29.21	

b. Item of Work, Specifications and Rates (Location: Chongaykha I, II & III, and Chudapang)

SL #	Item of Work	Activities, Standards, and Timing	Unit	Estd. QTY	Rate	Amount (Nu.)
1	Site Clearing	Clearing, cutting, arrangement of debris in line along the periphery before planting seedlings, considering entire area for bill payment.	Per Hectare	24.41		
2	1 st Weeding:	Clearing all over the area, weeding and mulching around the plants during the months of July - August, considering entire area for bill payment.	Per Hectare	24.41		

BBPL (Forestry) Standard Bidding Document

3	2 nd Weeding	Clearing all over the area, weeding and mulching around the plants during the months of September – October, considering entire area for bill payment.	Per Hectare	24.41		
4	Planting Seedlings	Alignmet & staking: Collection of bamboo of 2-3 cm diameter & 1.5 m height. Aligning in lines and staking including transportation. (use bamboo only for staking).	Per seedling	27117		
		Pit Digging: Pit digging the normal size 20 cm diameter and 30 cm depth.	Per seedling	27117		
		Mechanical Transportation: Transporting of seedlings from the nursery at Darla to a nearby road point of plantation sites.	Per seedling	27117		
		Unloading: Unloading seedlings at nearby road point & siding under the shade.	Per seedling	27117		
		Manual Carrying: Manual carrying of normal seedlings (height of 30cm & above) from road point to planting sites and siding under the shade for hardening.	Per Seedling	27117		
5	Fencing for plantation	Planting: Planting normal size (7 cm - 15 cm) poly-potted or root trainer seedling during the month of May – June, spacing of 3 m by 3 m.	Per Seedling	27117		
		Felling, crosscutting, debarking, collection of fencing post till road point, (2 m long & 12 - 15 cm diameter).	Per Post	1947		
		Loading, unloading and siding of fencing post.	Per post	1947		
		Mechanical transportation of fencing post.	Per post	1947		

BBPL (Forestry) Standard Bidding Document

	Manual carrying of fencing post from road-head to pit site for fencing work.	Per post	1947		
	Pit digging and erection of fencing post with pit size 45 cm depth and 20 cm diameter (2 m distance).	Per Post	1947		
	Purchasing cost of barbed wire (Include additional 10% for loading, unloading & mechanical transportation).	Per kg	3,245.33		
	Purchasing cost of U nail (Include additional 10% for loading, unloading & mechanical transportation).	Per kg	97.36		
	Purchasing cost of Nail (Include additional 10% for loading, unloading & mechanical transportation).	Per kg	29.21		
	Manual carriage of barbed wire, U nails & nails from road point to work side.	Per kg	3,371.90		
	Fixing and stretching of barbed wires of possibly 5 strands of 9 inches (based on site condition) apart before planting seedlings, considering length of single wire for bill payment.	Per meter	19,472.00		
6	Cross-over gate with stars align with the fencing height including materials.	Per gate	8		
	Total (Nu.)				

Regional Manager (Forestry)
Bhutan Board Products Ltd
Dara Shukla



Annexure – II: Bill of Quantities (BoQ) for Plantation Maintenance

a. Detail of Locations and Estimated Quantities

SL #	Location	Year of Plantation	Area (Ha)	Seedlings		Fencing (5 strands)			Weeding		Fencing Material (Estd. Qty)				Remarks
				%	Qty (No.)	%	Running Meter	Post (No)	%	Qty (Ha)	Barbed wires (kg)	U nail (kg)	Nail (kg)		
1	Gedu Zero	2022	1.445	10	161	30	721.25	72	100	1.445	120.21	3.61	1.08		
2	Micro Road	2024	8.968	30	2989	10	598.93	60	100	8.968	99.82	2.99	0.90		
3	Gyemchu	2022	8.826	0	0	20	1188.34	119	0	0	198.06	5.94	1.78		
4	Above Factory	2021	6.160	10	684	30	1489.16	149	100	6.16	248.19	7.45	2.23	Barbed wires are optional (if necessary)	
5	Lamaside	2023	10.180	20	2262	20	1276.24	128	100	10.18	212.71	6.38	1.91		
6	Colony Compound	2023	5.600	10	622	20	946.57	95	100	5.6	157.76	4.73	1.42		
7	Philling Dara (I)	2024	3.847	30	1282	10	392.28	39	100	3.847	65.38	1.96	0.59		
8	Philling Dara (II)	2024	3.443	30	1148	10	371.11	37	100	3.443	61.85	1.86	0.56		
			48.47		9,147.86		6,983.86	698.39		39.64	1,163.98	34.92	10.48		

b. Item of Work, Specifications and Rates (Locations: Gedu Zero, Micro Road, Gyemchu, Above Factory, Lamaside, Colony Compound, Philling Dara I & II.)

SL #	Item of Work	Activities, Standards, and Timing	Unit	Estd. QTY	Rate	Amount (Nu.)
1	1 st Weeding	Clearing all over the area, weeding and mulching around the plants during the months of May – June, considering entire area for bill payment.	Per Hectare	39.64		

BBPL (Forestry) Standard Bidding Document

2	2nd Weeding	Clearing all over the area, weeding and mulching around the plants during the months of July - August, considering entire area for bill payment.	Per Hectare	39.64	
3	3rd Weeding	Clearing all over the area, weeding and mulching around the plants during the months of September - October, considering entire area for bill payment.	Per Hectare	39.64	
4	Planting Seedlings	Alignmet & staking: Collection of bamboo of 2-3 cm diameter & 1.5 m height. Aligning in lines and staking including transportation. (use bamboo only for staking).	Per seedling	9,148	
		Pit Digging: Pit digging the normal size 20 cm diameter and 30 cm depth.	Per seedling	9,148	
		Mechanical Transportation: Transporting of seedlings from the nursery at Darla to a nearby road point of plantation sites.	Per seedling	9,148	
		Unloading: Unloading seedlings at nearby road point & siding under the shade.	Per seedling	9,148	
5	Fencing for plantation	Manual Carrying: Manual carrying of normal seedlings (height of 30 cm & above) from road point to planting site and siding under the shade for hardening.	Per seedling	9,148	
		Planting: Planting normal size (7 cm - 15 cm) poly-potted or root trainer seedling during the month of May - June.	Per seedling	9,148	
		Felling, crosscutting, debarking, collection of fencing post till road point, (2 m long & 12 - 15 cm diameter).	Per Post	698	
		Loading, unloading and siding of fencing post.	Per Post	698	

Separal Man...
Bhutan Board Products
Darla, Bhutan

BBPL (Forestry) Standard Bidding Document

	Mechanical transportation of fencing post to work side.	Per Post	698	
	Manual carrying of fencing post from road-head to pit site.	Per post	698	
	Pit digging and erection of fencing post with pit size 45 cm depth and 20 cm diameter (2 m distance).	Per Post	698	
	Purchasing cost of barbed wire (Include additional 10% for loading, unloading & mechanical transportation).	Per kg	1,163.98	
	Purchasing cost of U nail (Include additional 10% for loading, unloading & mechanical transportation).	Per kg	34.92	
	Purchasing cost of Nail (Include additional 10% for loading, unloading & mechanical transportation).	Per kg	10.48	
	Manual carriage of barbed wire, U nails & nails from road point to work side.	Per kg	1,209.37	
	Fixing and stretching of barbed wires of possibly 5 strands of 9 inches apart (based on requirement) before planting seedlings, considering length of single wire for payment.	Per meter	6,983.86	
6	Cross-over gate with stars align with the fencing height including materials.	Per gate	16	
	Total (Nu.)			
	Grand Total (Annexures - I + II)			Nu.