

Summary Specification	
BIL. SEBUTHARGA/QUOTATION REF.:	UBD/Q/111/2024 (SDS) - [IT]
BIL. TAWARAN/TENDER REF.:	
TARIKH DIKLANKAN :	23 Julai 2024 [Selasa]
TARIKH TUTUP :	06 Ogos 2024 [Selasa] JAM: 2 Petang
DOCUMENT FEE :	B\$ 10.00

IMPORTANT

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TITLE :		TO DELIVER AI SERVICES (I.E., MACHINE LEARNING MODELS) FOR CAREERBN SYSTEM, UBD
No.	Quantity	SPECIFICATIONS
1	1 lot	<p>Job Recommender Model (JRM)</p> <p><u>Description</u></p> <ul style="list-style-type: none"> Define JRM goals and objectives Identify target users and needs Set success metrics and performance indicators Collect data from job postings, resumes, and interactions Clean and preprocess data Perform feature engineering Analyze data patterns and visualize insights. Select suitable algorithms (e.g., collaborative, content-based, hybrid) Develop and optimize the AI model Obtain additional datasets for training, validating, & testing of JRM Train, validate, and test the model.
2	1 lot	<p>JRM API</p> <p><u>Description</u></p> <ul style="list-style-type: none"> Design and document secure, scalable API endpoints for JRM Model Integrate and test the model within the API Deploy the API and monitor performance Update the model with new data and user feedback
3	1 lot	<p>Candidate Recommender Model (CRM)</p> <p><u>Description</u></p> <ul style="list-style-type: none"> Define CRM goals and objectives Identify target users and needs Set success metrics and performance indicators Collect data from job postings, resumes, and interactions Clean and preprocess data Perform feature engineering Analyze data patterns and visualize insights. Select suitable algorithms (e.g., collaborative, content-based, hybrid) Develop and optimize the AI model Obtain additional datasets for training, validating, & testing of CRM Train, validate, and test the model.

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No.	Quantity	SPECIFICATIONS
4	1 lot	<p>CRM API</p> <p><u>Description</u></p> <p>Design and document secure, scalable API endpoints for CRM Model</p> <p>Integrate and test the model within the API</p> <p>Deploy the API and monitor performance</p> <p>Update the model with new data and user feedback</p>
5	1 lot	<p>Students Performance Prediction Model (SPPM)</p> <p><u>Description</u></p> <p>Define SPPM goals and objectives</p> <p>Identify target users and needs</p> <p>Set success metrics and performance indicators</p> <p>Collect data from job postings, resumes, and interactions</p> <p>Clean and preprocess data</p> <p>Perform feature engineering</p> <p>Analyze data patterns and visualize insights.</p> <p>Select suitable algorithms (e.g., collaborative, content-based, hybrid)</p> <p>Develop and optimize the AI model</p> <p>Obtain additional datasets for training, validating, & testing of SPPM</p> <p>Train, validate, and test the model.</p>
6	1 lot	<p>SPPM API</p> <p><u>Description</u></p> <p>Design and document secure, scalable API endpoints for SPPM Model</p> <p>Integrate and test the model within the API</p> <p>Deploy the API and monitor performance</p> <p>Update the model with new data and user feedback</p>
7	1 lot	<p>University Programs Recommendation Model (UPRM)</p> <p><u>Description</u></p> <p>Define UPRM goals and objectives</p> <p>Identify target users and needs</p> <p>Set success metrics and performance indicators</p> <p>Collect data from job postings, resumes, and interactions</p> <p>Clean and preprocess data</p> <p>Perform feature engineering</p> <p>Analyze data patterns and visualize insights.</p> <p>Select suitable algorithms (e.g., collaborative, content-based, hybrid)</p> <p>Develop and optimize the AI model</p> <p>Obtain additional datasets for training, validating, & testing of UPRM</p> <p>Train, validate, and test the model.</p>
8	4	<p>UPRM API</p> <p>Design and document secure, scalable API endpoints for UPRM Model</p> <p>Integrate and test the model within the API</p> <p>Deploy the API and monitor performance</p> <p>Update the model with new data and user feedback</p>
9	4	<p>API Integration in Website</p> <p>Identify the project structure & API development process</p> <p>Implement reusable methods to consume all API's from Website or Mobile Apps</p>

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No.	Quantity	SPECIFICATIONS
10	1	Client UAT (User Acceptance Testing), FAT (Final Acceptance Testing) and Go Live User Acceptance Testing Support Final Acceptance Testing Support User Documentations, Technical Documentations Go Live and Sign off from Client