

Claims

1. A procurement management system comprising:
 - a processor configured to:
 - update periodically or in real time a supply condition of each supplier stored by a storage medium;
 - specify a plurality of suppliers that can supply an article and a purchasable quantity of the article by the plurality of suppliers based on the updated supply condition of each supplier;
 - cause the purchasable quantity that can be supplied by the plurality of suppliers to be displayed on a user terminal;
 - acquire a request condition including a request quantity of the article which is requested by a user from the user terminal in response to input to the user terminal by the user;
 - determine whether or not a distribution condition for distributing the request quantity of the article between two or more suppliers among the plurality of suppliers is satisfied based on the request condition and a latest supply condition which is stored by the storage medium and which is the supply condition including a supply quantity and a supply time of the article by each of the plurality of suppliers that can supply the article;
 - allocate the request quantity to one supplier of the plurality of suppliers based on the latest supply condition, when determining that the distribution condition

is not satisfied, and cause the supply time of the article by the one supplier to be displayed on the user terminal; and

select the two or more suppliers from the plurality of suppliers as a supplying supplier group based on the latest supply condition, when determining that the distribution condition is satisfied, distribute the request quantity among the supplying supplier group, and cause the supply time of the article by the supplying supplier group to be displayed on the user terminal.

2. The procurement management system according to claim 1,

wherein the processor is configured to cause split shipping information to be displayed on the user terminal when determining that the distribution condition is satisfied, the split shipping information indicates that the request quantity of articles is separately shipped, and the split shipping information includes a quantity and the supply time of the article which are divided by each shipment.

3. The procurement management system according to claim 1, wherein the processor is configured to cause batch shipping information to be displayed on the user terminal when determining that the distribution condition is satisfied, the batch shipping information indicates that

the request quantity of articles are to be collectively shipped, and the batch shipping information includes the supply time for collectively shipping the request quantity of articles.

4. The procurement management system according to any one of claims 1 to 3, wherein the processor is configured to cause purchasable quantity to be displayed in an input screen for the request condition of the article on the user terminal, and the purchasable quantity is a capable quantity to be supplied by the plurality of suppliers.

5. A computer program of a procurement management system comprising a processor, the computer program causing the processor to:

update periodically or in real time a supply condition of each supplier stored by a storage medium;

specify a plurality of suppliers that can supply an article and a purchasable quantity of the article by the plurality of suppliers based on the updated supply condition of each supplier;

cause the purchasable quantity that can be supplied by the plurality of suppliers to be displayed on a user terminal;

acquire a request condition including a request quantity of the article which is requested by a user from the user terminal in response to input to the user terminal

by the user;

determine whether or not a distribution condition for distributing the request quantity of the article between two or more suppliers among the plurality of suppliers is satisfied based on the request condition and a latest supply condition which is stored by the storage medium and which is the supply condition including a supply quantity and a supply time of the article by each of the plurality of suppliers that can supply the article;

allocate the request quantity to one supplier of the plurality of suppliers based on the latest supply condition, when determining that the distribution condition is not satisfied, and cause the supply time of the article by the one supplier to be displayed on the user terminal; and

select the two or more suppliers from the plurality of suppliers as a supplying supplier group based on the latest supply condition, when determining that the distribution condition is satisfied, distribute the request quantity among the supplying supplier group, and cause the supply time of the article by the supplying supplier group to be displayed on the user terminal.

6. A control method of a procurement management system having a processor, the control method comprising causing the processor to:

update periodically or in real time a supply

condition of each supplier stored by a storage medium;

specify a plurality of suppliers that can supply an article and a purchasable quantity of the article by the plurality of suppliers based on the updated supply condition of each supplier;

cause the purchasable quantity that can be supplied by the plurality of suppliers to be displayed on a user terminal;

acquire a request condition including a request quantity of the article which is requested by a user from the user terminal in response to input to the user terminal by the user;

determine whether or not a distribution condition for distributing the request quantity of the article between two or more suppliers among the plurality of suppliers is satisfied based on the request condition and a latest supply condition which is stored by the storage medium and which is the supply condition including a supply quantity and a supply time of the article by each of the plurality of suppliers that can supply the article;

allocate the request quantity to one supplier of the plurality of suppliers based on the latest supply condition, when determining that the distribution condition is not satisfied, and cause the supply time of the article by the one supplier to be displayed on the user terminal;
and

select the two or more suppliers from the plurality

of suppliers as a supplying supplier group based on the latest supply condition, when determining that the distribution condition is satisfied, distribute the request quantity among the supplying supplier group, and cause the supply time of the article by the supplying supplier group to be displayed on the user terminal.